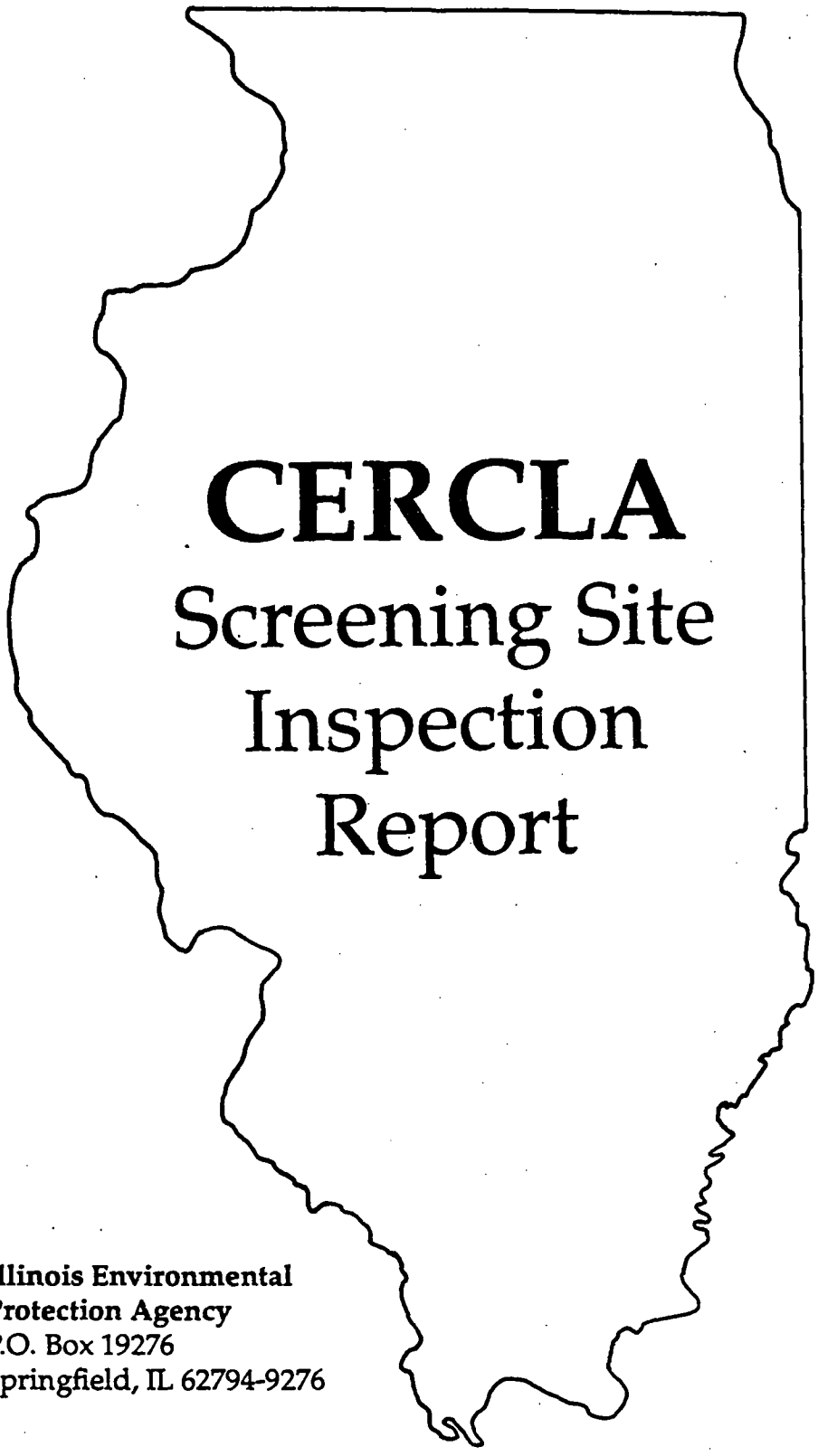


CERCLA
Screening Site Inspection Report

Illinois Environmental Protection Agency
P.O. Box 19276
Springfield, IL 62794-9276

TABLE OF CONTENTS

LIST OF TABLES

APPENDIX

A. Site 4-Mile Map

B. 15-Mile Surface Water Map

C. Previous Sampling

D. Target Compound List

E. IEPA Site Photographs

F. Aerial Photographs

G. Well Information

H. Ownership Information

I. EPA Form 2070-13

LIST OF FIGURES

1. INTRODUCTION

On September 24, 1991, the Illinois Environmental Protection Agency was tasked by the U.S. Environmental Protection Agency (U.S. EPA) to conduct a CERCLA Screening Site Inspection (SSI) of the Lennon Wallpaper Company in Joliet, Illinois.

The site was initially placed on CERCLIS (Comprehensive Environmental Response, Compensation, and Liability Information System) by the U.S. EPA in January, 1991. This action was taken as a result of the discovery of heavy metals and dioxin compounds in the soil and sediments located on site during a June, 1989 site inspection by the Illinois EPA.

An initial CERCLA evaluation, in the form of a Preliminary Assessment, was completed by Mr. Henry Konzelmann of the Illinois EPA in October, 1990. In March, 1992, the Illinois EPA's Pre-Remedial Unit prepared a Screening Site Inspection workplan for the April, 1992 Lennon Wallpaper sampling event, when the sampling team collected 15 soil/sediment samples and 1 surface water sample.

The purposes of a Screening Site Inspection have been stated by the U.S. EPA in a directive that states:

> All sites will receive a screening SI to 1) collect additional data beyond the PA to enable a more refined preliminary HRS (Hazard Ranking System) score, 2) establish priorities among sites most likely to qualify for the NPL (National Priorities List), and 3) identify the most critical date requirements for the Listing SSI

> step. A Screening SI will not have rigorous data quality objectives (DQO's). Based on the refined preliminary HRS score and other technical judgement factors, the site will then either be designated NFRAP (No Further Remedial Action Planned), or carried forward as an NPL listing candidate. A listing SI will not automatically be done on these sites, however. First, they will go through a management evaluation to determine whether they can be addressed by another authority such as RCRA (Resource Conservation and Recovery Act)....
> Sites that are designated NFRAP or deferred to other statutes are not candidates for a Listing SI.
>
> The Listing SI will address all the data requirements of the revised HRS using field screening and NPL level DQO's. It may also provide needed data in a format to support remedial investigation work plan development. Only sites that appear to score high enough for listing and that have not been deferred to another authority will receive a Listing Site Inspection. (USEPA 1988).

The Region V offices of the U.S. EPA have also requested that the Illinois EPA identify sites during the Screening Site Inspection that may require removal action to remediate an immediate human health and/or environmental threat.

2. SITE BACKGROUND

2.1 Introduction

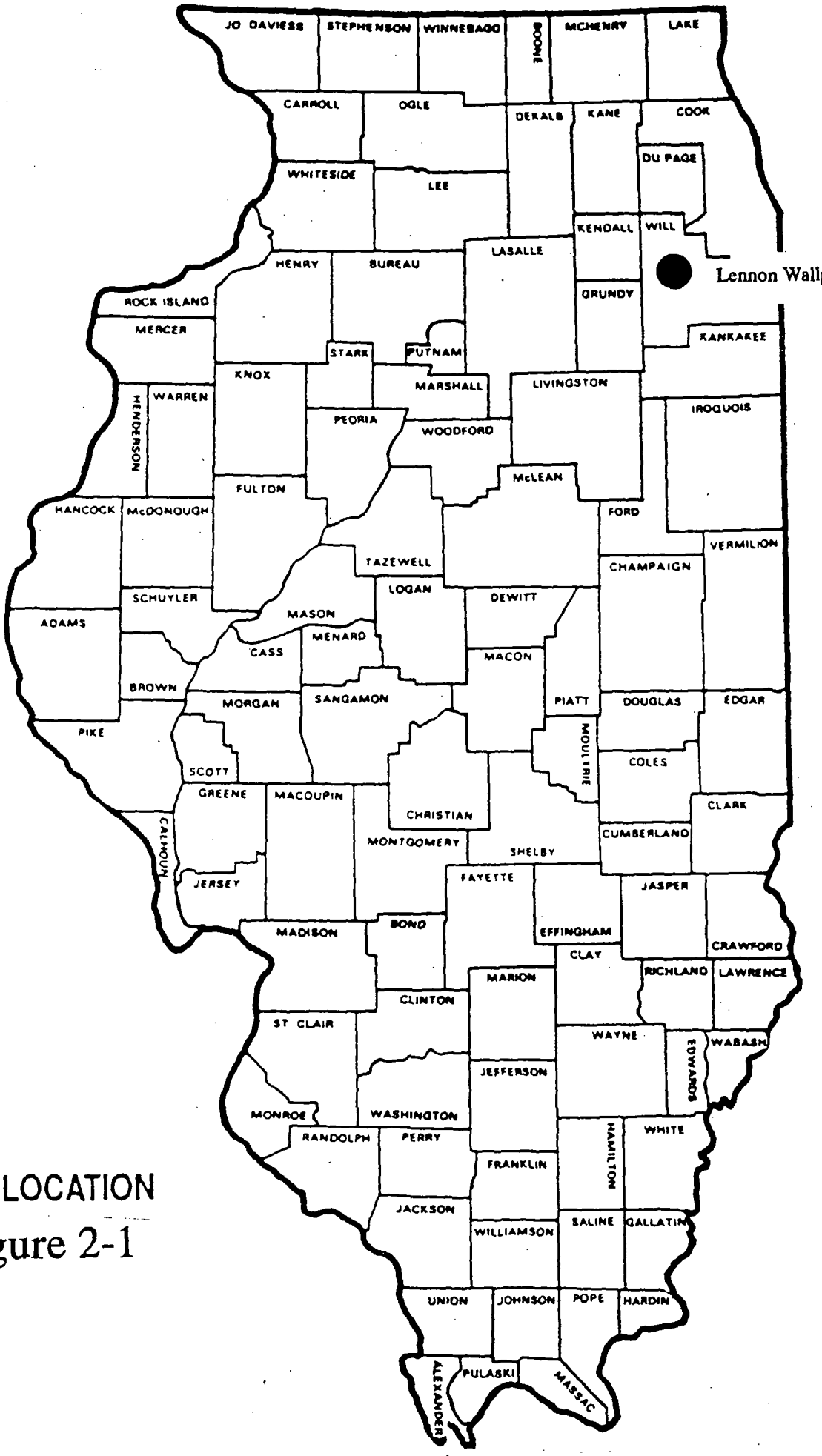
This section contains a summary of information gathered from the Preliminary Assessment and the Illinois Environmental Protection Agency (IEPA) files.

2.2 Site Description

The Lennon Wallpaper facility is an approximately 11 acre site located at 807 Fourth Avenue in Joliet, Will County, Illinois (Southwest 1/4 of the Northwest 1/4 of Section 14, Township 35 North, Range 10 East). Land use to the west of the facility is residential, industrial to the north and east, and located to the south is a water-filled rock quarry which was the previous site of the Michigan Beach Swimming Club (See Figures 2-1, 2-2, 2-3). A four-mile radius map of the surrounding area and a 15-mile surface water map can be found in Appendices A and B, respectively.

The immediate vicinity of the site was an area of wallpaper manufacturing, which included the Lennon property, United DeSoto (located to the north) and Ivex Corporation (located to the east). United Desoto now produces soap, and Ivex produces industrial paper. Ivex Corporation is separated from Lennon and DeSoto by a series of railroad tracks.

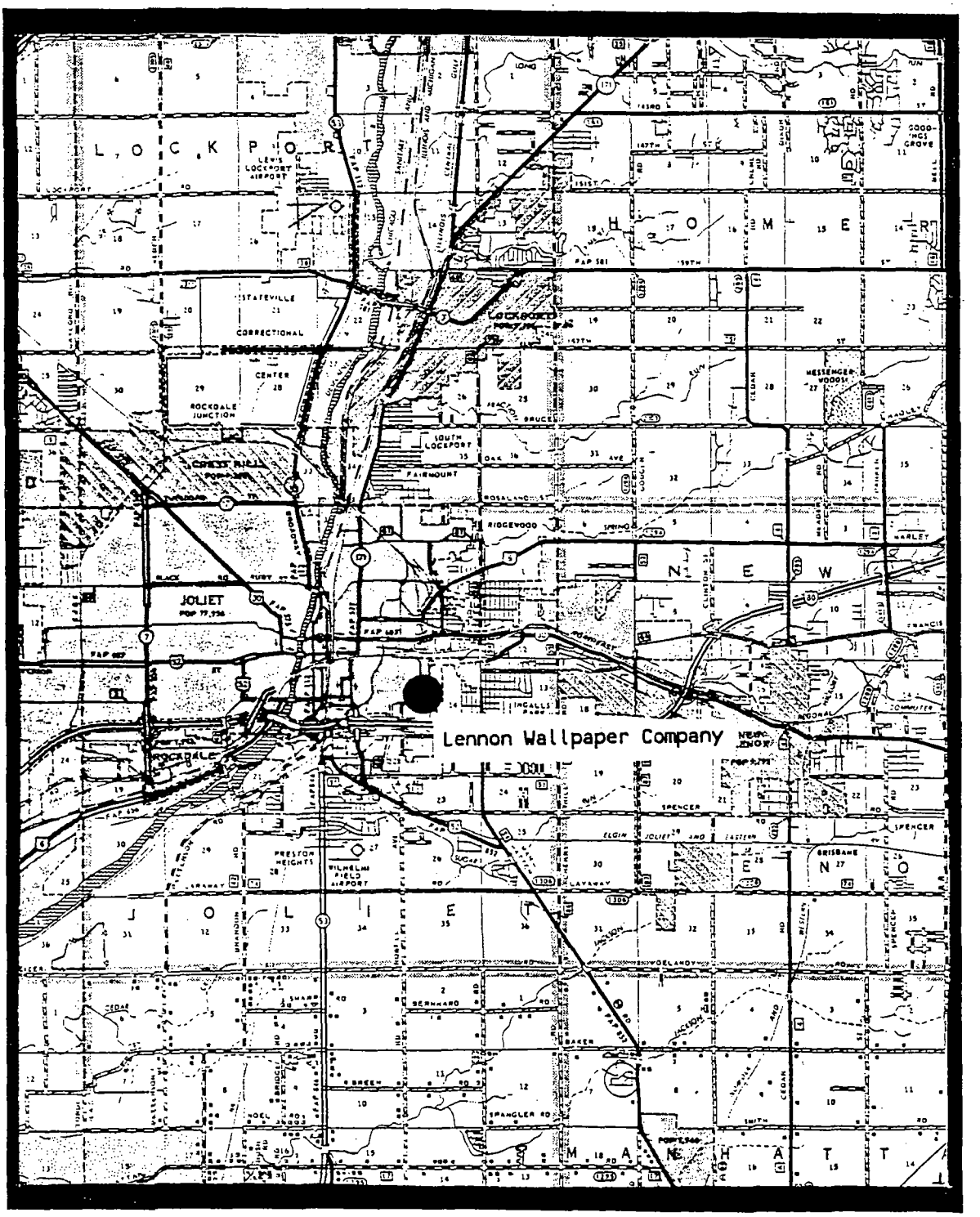
Wetlands are located on Lennon property along the north and to the east of the property (See Figure 2-4), and partially



Lennon Wallpaper Company

SITE LOCATION

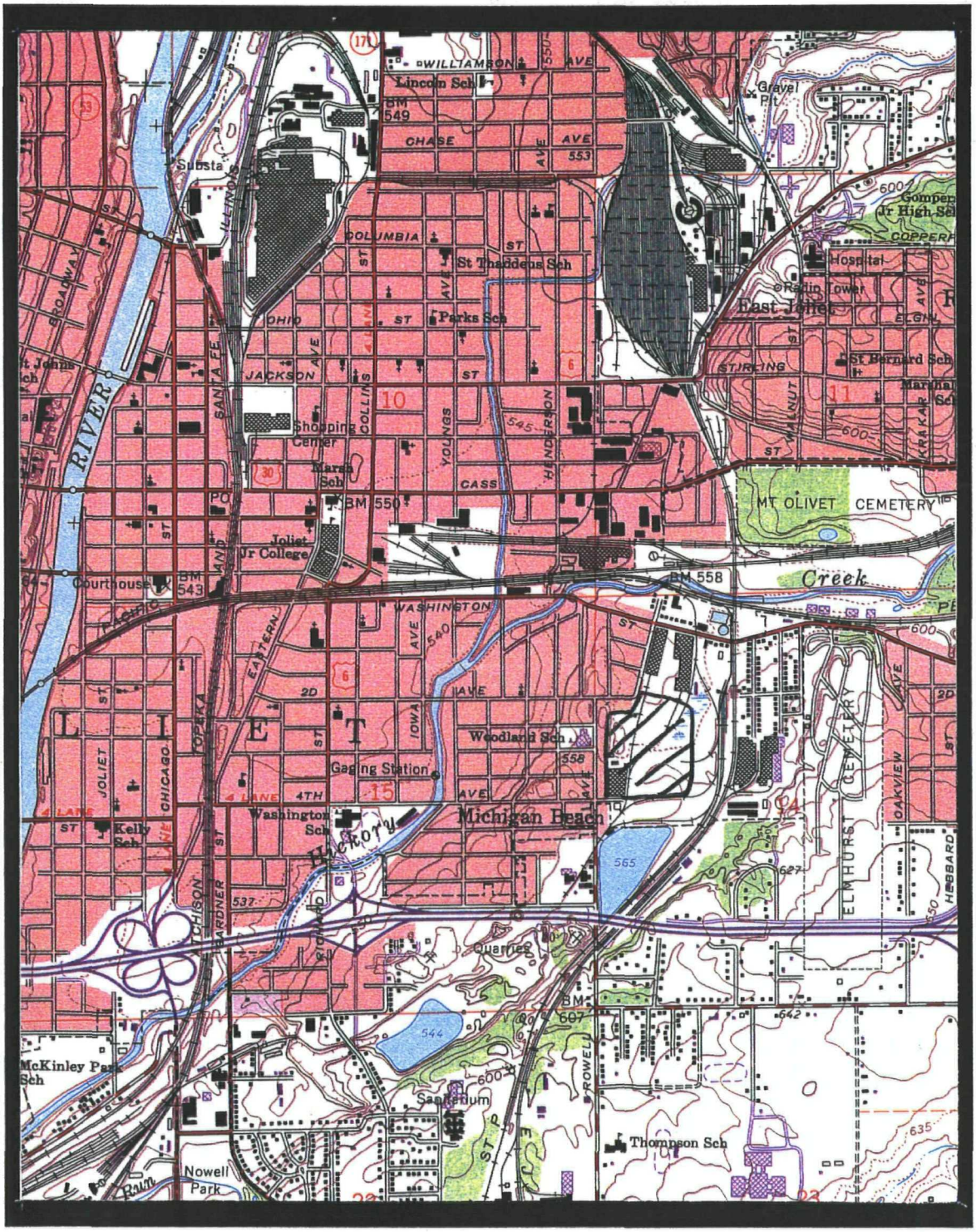
Figure 2-1



Source: IEPA, 1992. Base Map: Illinois Department of Transportation, 1985.

FIGURE 2-2

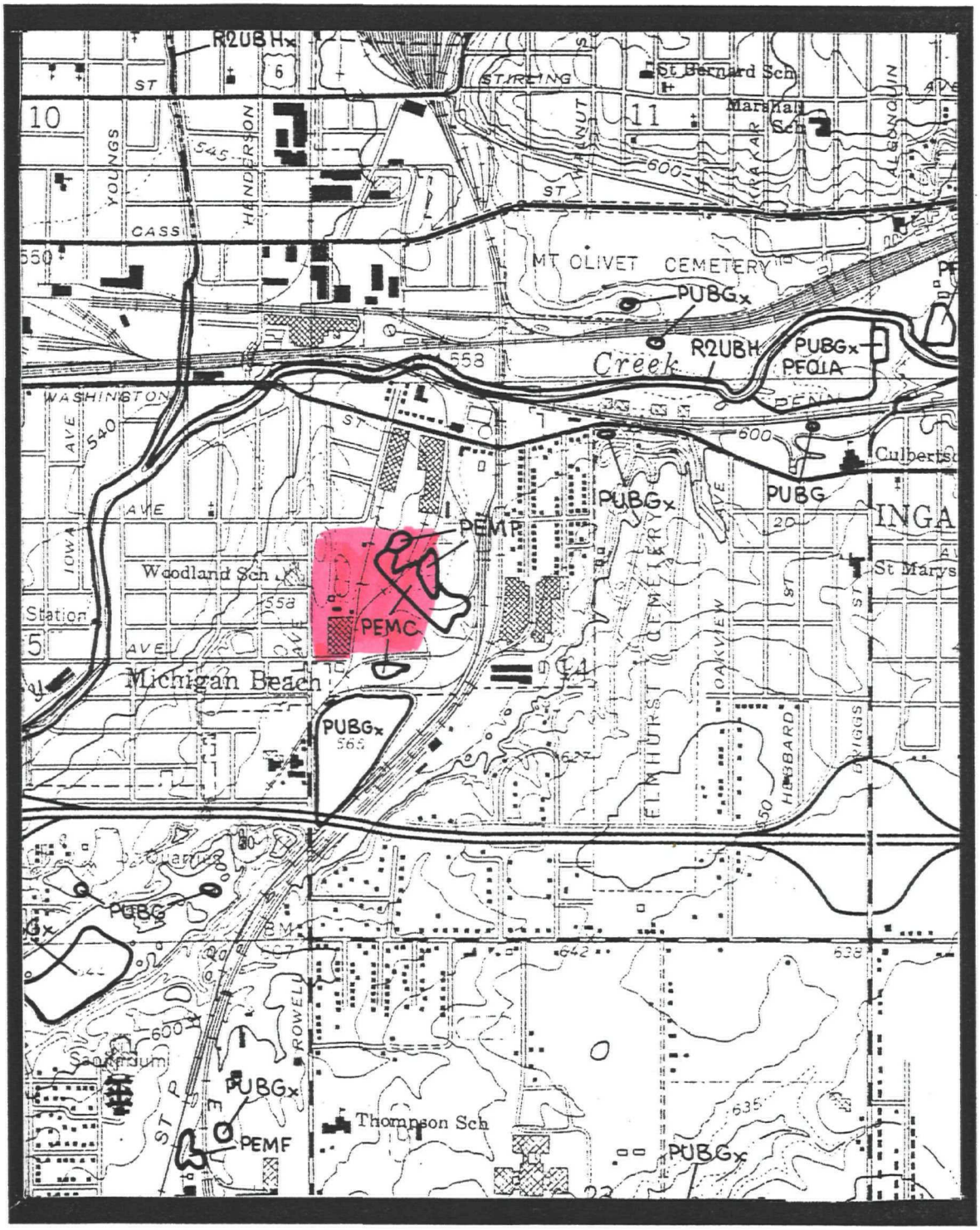
REGIONAL AREA MAP



Source: IEPA, 1992. Base Map: ISGS, 1973

FIGURE 2-3

SITE TOPOGRAPHY



Source: IEPA, 1992. Base Map: U.S. Department of the Interior National Wetlands Inventory Map, 1984.

Figure 2-4

WETLANDS INVENTORY MAP

enclosed by fencing and gates. However, the fencing has a large hole on the south side which allows for accessibility to the wetland area.

For ease of description only in this report, the author of this report has divided the Lennon Wallpaper Company site into three separate areas. This separation does not comprise an actual division of the site itself. The site includes the following:

Area #1- Currently an enclosed area used by Doug Silverman Enterprises (leased to Mr. Silverman by Lennon Wallpaper) as a semi-truck parking area. At one time, this area received effluent from Lennon's processing operations.

Area #2- Includes a lagoon and the former Lennon concrete settling ponds. The area is enclosed by fencing and the gate is padlocked. However, access to this area is not totally restricted, due to poorly maintained fencing.

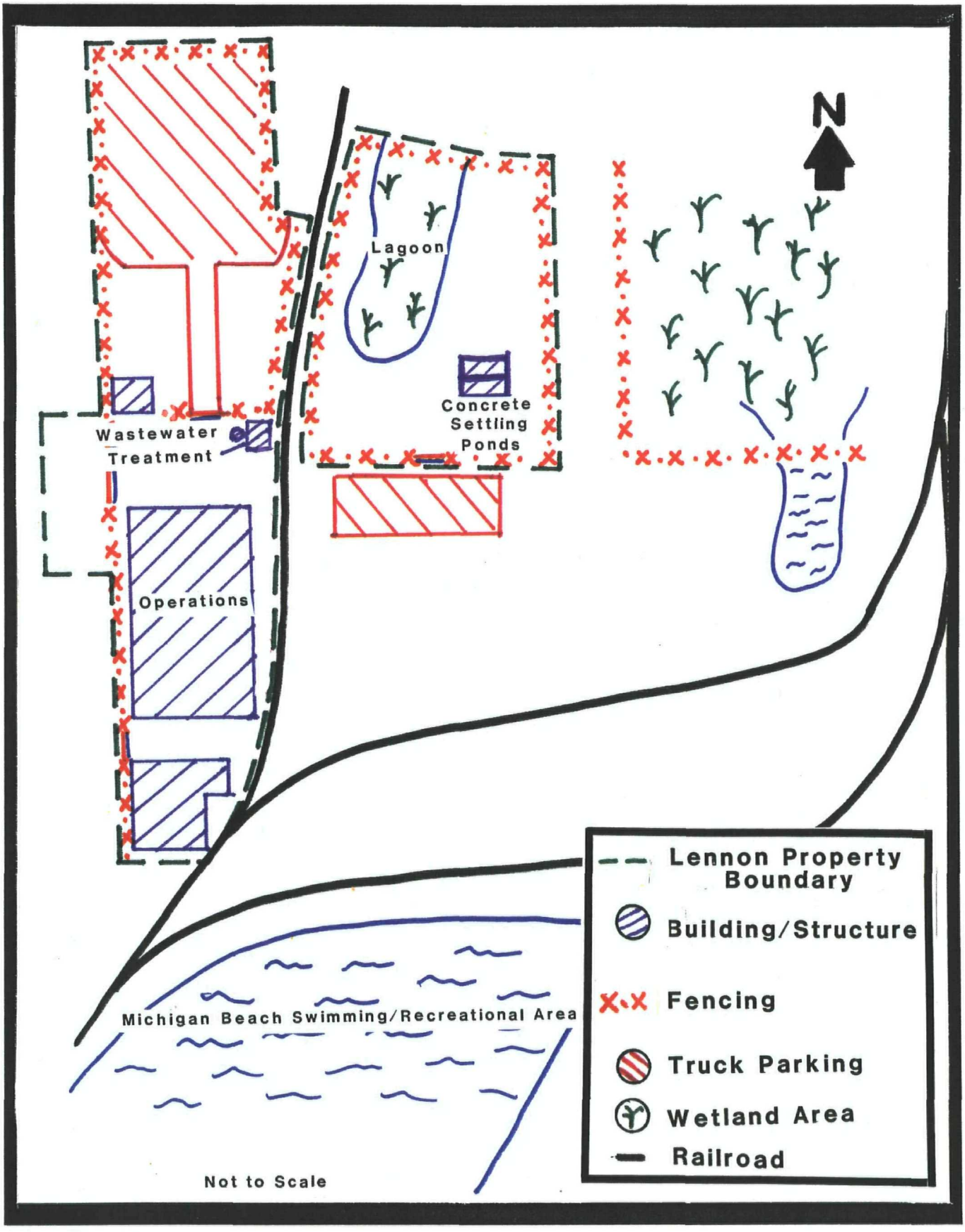
Area #3- Includes the open area to the east of the former Lennon operations buildings, the wetland to the east of this area, and the enclosed wetland to the east of Area #2.

* Please refer to the Lennon Facility Map (Figure 2-5) for area boundaries.

2.3 Site History

According to Illinois EPA Bureau of Land files, the Lennon Wallpaper Company was in operation at this site for approximately 70 years, until operations were relocated to Shorewood, Illinois in 1989. The land, excluding the existing structures, is currently owned by Lennon Wallpaper

Company. The buildings were purchased by Mr. Doug Silverman in 1990 for use as a warehouse facility and the remaining



Lennon Wallpaper Facility Map

FIGURE 2-5

property is currently being leased by him.

The former Lennon facility manufactured only wallpaper since 1919. The process consists of printing patterns onto paper. Prior to 1970, Lennon used a heavy newsprint type paper and metal based pigments. After 1970, Lennon switched to paper with vinyl fibers which added strength. During this period, titanium was used as a base white pigment and other pigments containing chromium oxides, carbon black and ethylene and diethylene glycol were used to produce a variety of colors.

According to Lennon Wallpaper, all equipment was cleaned daily with water and no solvents were used, as the pigments used in the manufacture of wallpaper, were not oil-based.

In the 1930's and 1940's, wastes and wastewater were reportedly dumped in the open areas to the north and east of the Lennon site by all manufacturers in the area. It is believed that this practice changed in the 1950's and Lennon began to discharge its wastes to the Joliet sewer system. In 1970, the City of Joliet informed Lennon that it could no longer accept the untreated wastewater. At that time, the owners attempted to treat their wastewater by filtering and settling techniques.

According to Illinois EPA Bureau of Land files, at this early developmental stage of wastewater treatment engineering, the

system did not work and frequently froze during the winter months, forcing the plant to shut down on several occasions. In the mid-1970's, two four to five foot deep lagoons were excavated on the north side of the property and were used as settling ponds (Area #1). Sludges from these lagoons were reportedly removed periodically to an unknown landfill.

After a period of heavy rain sometime in the mid-to-late 1970's, the Illinois EPA notified Lennon to stop using the lagoons because they could overflow and adversely impact adjacent surface waters. Between 1980 and 1981, the company installed a new wastewater treatment plant. According to Lennon, waste liquids were collected in two settling tanks in the treatment area. After settling of suspended solids occurred in the tanks, the liquids were discharged to the Joliet sewer system, and the solids were then transferred to the concrete settling ponds where the remaining liquids were removed and were returned to the settling process. The sludges were removed periodically and hauled as a non-hazardous to the Land and Lakes landfill.

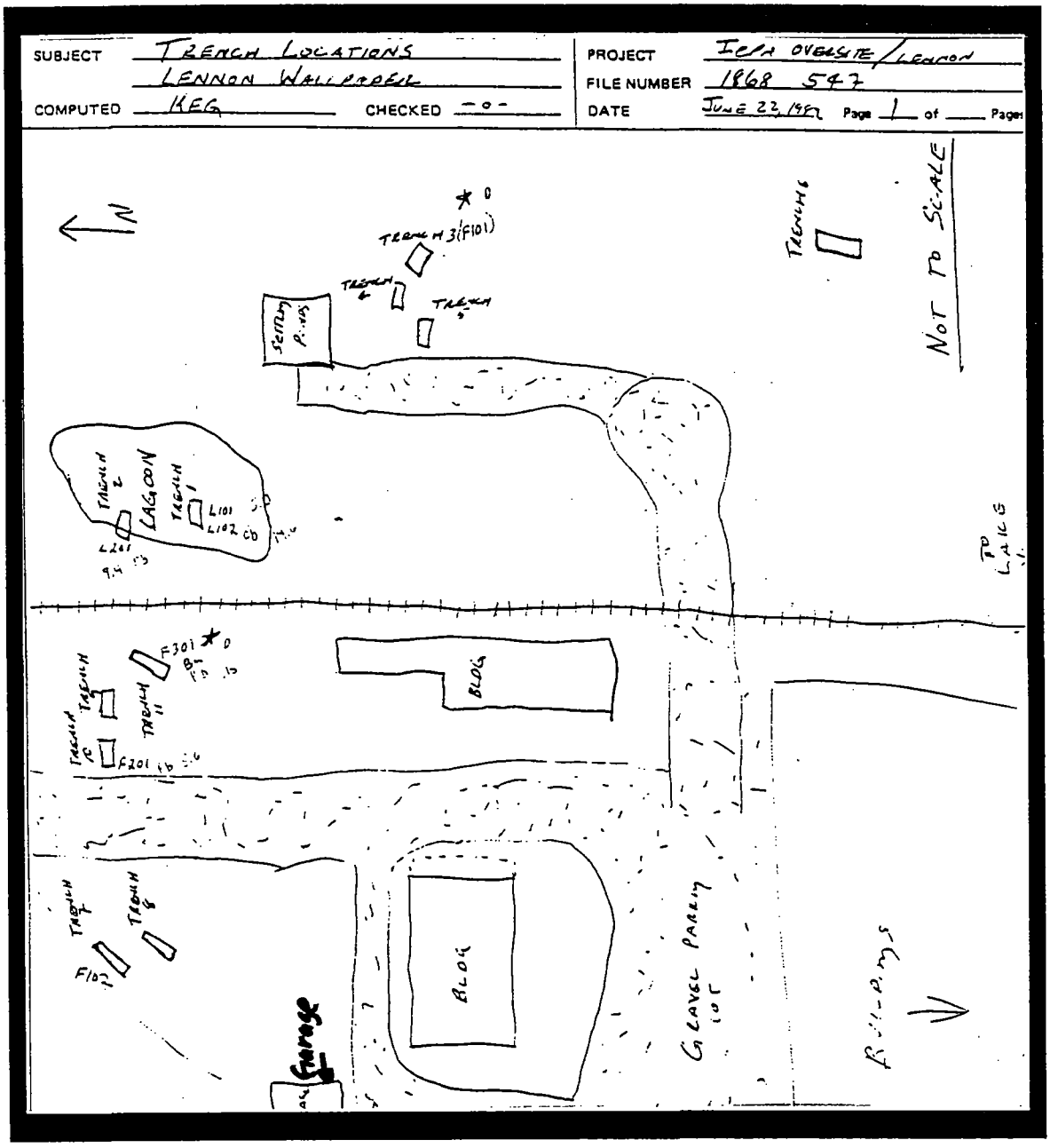
In January, 1978, the Division of Land Pollution Control's Groundwater Unit sampled the plant's effluent, a bright, orange liquid. The water was being flushed from the processing area and into a lagoon located in Area #1. Results of the sampling effort revealed the following:

Effluent samples

1	2	
0.034	0.039	Arsenic
0.6	0.6	Barium
0.01	0.01	Cadmium
0.27	0.10	Chromium
211.2	9.5	Copper
0	-	Cyanide
320.0	65.0	Iron
0.47	0.28	Lead
80.0	61.0	Magnesium
65.0	30.0	Manganese
Interf.	Interf.	Mercury
0.3	0.1	Nickel
0.0	0	Selenium
0.0	0	Silver
Interf.	-	Sulfate
53.0	10.0	Zinc
3970	-	Chemical Oxygen Demand

*Parameters are in Parts Per Million

On June 22, 1989, according to Illinois EPA Bureau of Land files, the Illinois EPA, (pursuant to a search warrant signed by the Circuit Court of Will County on June 22, 1989) accompanied by the Illinois Attorney General's Office, collected soil and sediment samples from various areas of the property. Three sediment samples were collected from the lagoon area, located immediately east of the railroad, and four soil samples were collected from test pits (See Figure 2-6). These test pits were made by the sampling crew. Analysis of these samples revealed concentrations of soluble (EP Tox) Lead at 14.6 ppm (Parts per million) in a sediment sample and 5.6 ppm in a soil sample. In addition, octa-



Source: IEPA, 1989. Base Map: IEPA, 1989.

Figure 2-6

June 1989 Sampling

chloro-dibenzo-dioxin was detected as a tentatively identified compound in two soil samples. Initial analysis of the samples was completed by the Illinois EPA labs. Samples found to contain dioxins were submitted to Triangle Laboratories in Durham, North Carolina for confirmation. Analysis of these samples detected 2,3,7,8-tetrachlorodibenzo-p-dioxin (2,3,7,8-TCDD) at 0.25 ppb (parts per billion) in one of the soil samples.

2,3,7,8-TCDD has a known carcinogenic toxicity and is used as a reference for the other dioxin compounds. Other dioxin and furan isomers ranging from 0.02 ppb to 6470 ppb in the soil were also detected. Applying the 2,3,7,8-TCDD Equivalency Method to calculate the isomer's toxicity, sample equivalents to 2,3,7,8-TCDD were 2.13 ppb in one soil sample and 1.3 ppb in another sample. Sample results are available in Appendix D of this report.

Due to the June, 1989 sampling results, a notice pursuant to Section 4(q) of the Illinois Environmental Protection Act was issued to the Lennon Wallpaper Company and the Toronto Dominion Bank of Ontario, Canada, effective April 20, 1990. According to the Illinois Environmental Protection Act, "the Agency shall have the authority to provide notice to any person who may be liable...for a release or a substantial threat of a release of a hazardous substance or pesticide. Such notice shall include the identified response action and

an opportunity for such a person to perform the response action." On May 30, 1990, a supplemental Section 4(q) notice was issued to the following parties: Norwall Sales, Incorporated of Atlanta, Georgia and North American Decorative Products of Bramalea, Ontario, Canada. The parties had been sent the notices because the Agency believed that each had at some point assumed control and operation of the Lennon Wallpaper Company site in Joliet. A copy of the 4(q) notice is available in Appendix C of this report.

A Remedial Investigation/Feasibility Study workplan was prepared for the Lennon Wallpaper Company by Warzyn Engineering Incorporated in November 1990. This appears to have been the only action taken by the Lennon Wallpaper Company to date.

A CERCLA Preliminary Assessment site reconnaissance inspection was conducted by Mr. Henry Konzelmann on October 11, 1990. The inspection confirmed that the buildings were being used to store and sort recycled magazines and paper by Mr. Doug Silverman, owner of the former Lennon buildings. Portions of the property boundary were enclosed by fencing, however, the fencing did not enclose areas known to be contaminated. Access to the site was secured only to the west. In addition, clearing activities outside of these fenced areas have removed vegetation cover and have exposed paint wastes and soils believed to be contaminated with

dioxins and heavy metals.

2.4 Applicability of Other Statutes

This section discusses the applicability of any other Environmental statutes with regards to the Lennon Wallpaper site in Joliet, Illinois.

The site does not appear to fall under the jurisdiction of the Resource Conservation and Recovery Act (RCRA), Atomic Energy Act (AEA), Toxic Substances Control Act (TSCA), Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), or the Uranium Mill Tailings Radiation Control Act (UMTRCA).

3. SITE INSPECTION ACTIVITIES AND ANALYTICAL RESULTS

3.1 Introduction

This section outlines procedures utilized and observations made during the CERCLA Screening Site Inspection conducted at the Lennon Wallpaper site in Joliet, Illinois on April 9 and 10, 1992. Specific portions of this section contain information pertaining to the reconnaissance inspection and sampling procedures. This section also details the analytical results with particular emphasis upon the Key Samples.

The Screening Site Inspection for Lennon Wallpaper was conducted in accordance with the site inspection workplan which was developed and submitted to the USEPA Region V offices prior to the initiation of sampling activities.

3.2 Reconnaissance Inspection

On October 21, 1991, Illinois EPA personnel, Kimberlee Nika and Gregory Dunn conducted a CERCLA Site Inspection reconnaissance of the Lennon Wallpaper facility previous to the sampling activities of April 9 and 10, 1992. The inspection included a walk-through of the site in order to identify potential sampling locations and appropriate health and safety requirements which would be implemented during the CERCLA Screening Site Inspection.

Observations made during this site visit included the easy accessibility of the site to the general public. Upon entrance to the site, Ms. Nika and Mr. Dunn were greeted by Mr. Richard Silverman, brother of the buildings' owner, Mr. Doug Silverman. Mr. Richard Silverman stated that Mr. Doug Silverman owns only the buildings, but has expressed interest in purchasing the land. He has been advised by his attorney not to do so due to the contamination.

Agency personnel were granted permission to enter the site and continued to observe the accessibility of the site. Mr. Silverman uses the area immediately west of the railroad as a truck-parking area. A 20' embankment exists along the western boundary of this area, which, along with a fence, separates the residents along Rowell Avenue from the site (See Figure 2-5).

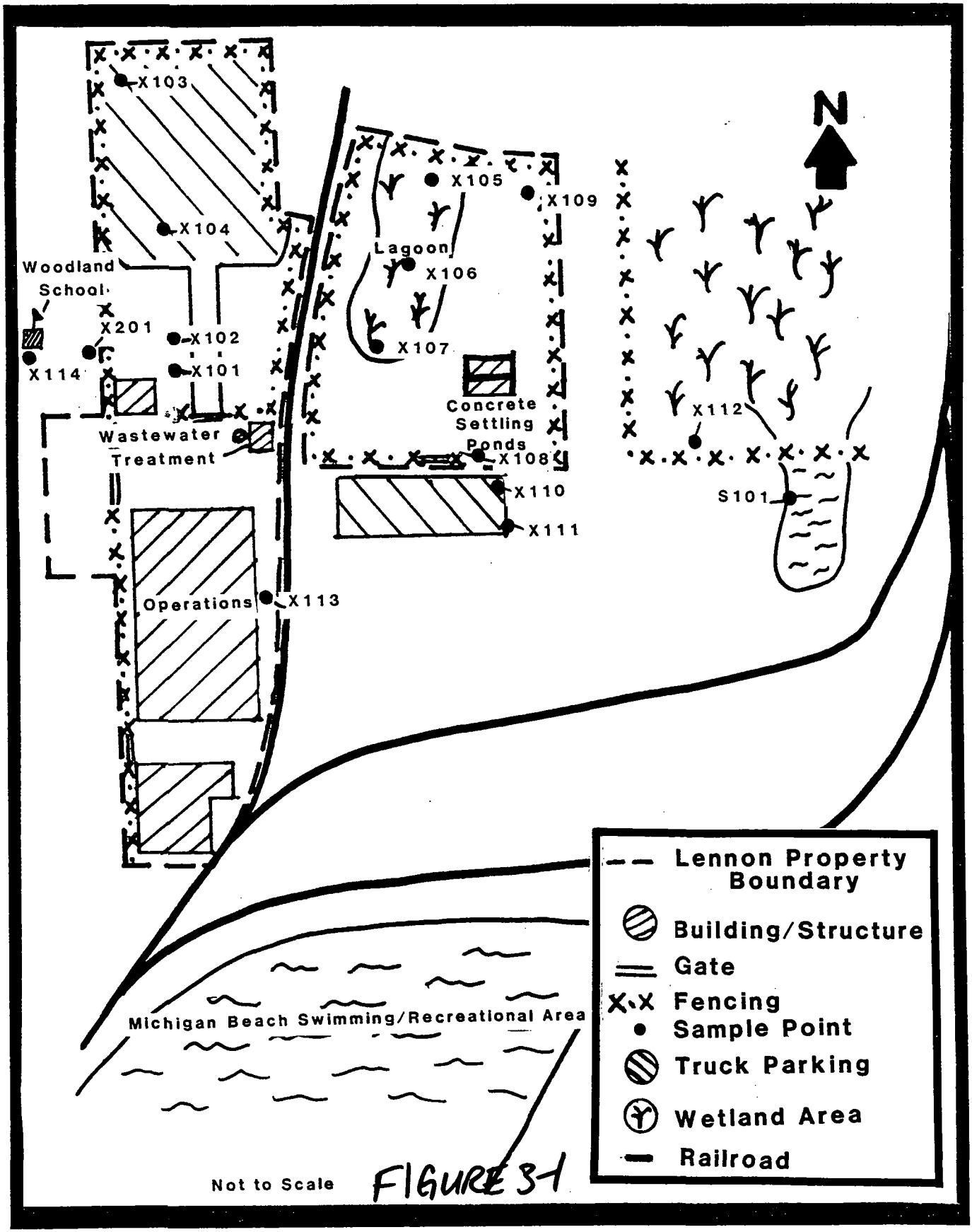
After leaving the enclosed portion of Area 1, Mr. Dunn noticed an asbestos-like material present in the former boiler house. Mr. Dunn and Ms. Nika also noted that a portion of the area south of Area #2 is also used as a truck-parking area by the Silverman's. The area was cleared for this purpose by the Silvermans (piles of debris have not been removed from the site). A concern is that the dioxin and heavy metals detected in this area may be exposed as a result of the removal of the previously established vegetative cover. Before leaving the site, Mr. Dunn and Ms. Nika

observed a wetland area, in the northeastern corner of the site, where concrete appears to have been dumped. According to Richard Silverman, the Joliet Concrete Company has been involved with the dumping activity.

3.3 Soil/Sediment Sampling

On April 9 and 10, 1992, a total of fifteen soil/sediment samples were collected during the CERCLA Screening Site Inspection at Lennon Wallpaper (See Figure 3-1 for sampling locations). All samples were collected using stainless steel hand shovels and hand augers with the soil/sediment being transferred directly to the sampling jars and packed in accordance with the USEPA required procedures. Table 3-1 details the sampling activity.

Standard Illinois EPA decontamination procedures were followed prior to the collection of all samples. The procedures included the scrubbing of all equipment (hand shovels, buckets, etc.) with a non-foaming Trisodium Phosphate solution, rinsing with hot tap water, rinsing with acetone, rinsing with hot tap water again, and final rinsed with distilled water. All equipment was air dried, then wrapped and stored in heavy duty aluminum foil for transport to the field. Field decontamination procedures included rinsing the equipment with distilled water.



Lennon Wallpaper Facility Map

SAMPLE LOCATION MAP

TABLE 3-1
SAMPLING ACTIVITES TABLE

Sample	Date	Time	Depth	Location	Appearance
X101	4-9-92	10:00 AM	0-6"	Sample taken in trench located in Area 1, 50'11" NE of NE corner of garage & 69'9" due north of fence.	clay-like with debris noted.
X102	4-9-92	11:35 AM	0-6"	Sample taken in trench located in Area 1, north of X101, approximately 50' east of the western boundary fence & 100' NE of NE corner of garage.	Sandy, silty clay with some coarse sand. Stratified white debris.
X103	4-9-92	11:50 AM	1.5-2'	Sample taken north of trench area, 86'10" south of northern boundary fencing & 173'10" west of eastern boundary fence of Area 1.	Dk brown clay-like with rock and wood debris noted.
X104	4-9-92	12:25 PM	0-3"	Sample taken north of trench, in an area of wood chips. Drums located to the side of wood chip pile. Approximately 135' north of garage & 80' east of western boundary fence of Area 1.	Black soil with oily, greenish sludge.
X105	4-9-92	2:55 PM	2-3'	Taken at northern end of lagoon, approximately 25' south of northern boundary fence of Area 2.	Lt brown and gray, clay-like with pink, green and gold glitterlike specks. Black organic matter noted.
X106	4-9-92	3:45 PM	2-3'	Taken in middle of eastern shore of lagoon approximately 10' west of bank, 125' south of northern fence, and 75' east of western boundary fence of Area 2.	Lt brown/gray with green and pink, and gold, glitterlike specks.
X107	4-9-92	4:00 AM	2-3'	Sample taken in southern end of lagoon, approximately 75' east of western fence & 50' north of southern fence of Area 2.	Similar to X105 and X106.
X108	4-9-92	5:00 PM	1'	Sample taken approximately 100' south of concrete settling ponds-12' north of southern fence & 120' west of eastern fence. Sample taken between two drums in Area 2.	White, drum residual with rust from drum- dk. brown, sandy soil.
X109	4-9-92	5:15 PM	1'	Sample taken north of settling ponds, approximately 25' south of northern fence and 20' west of Area 2's eastern boundary fence.	Dk. brown, tan, sandy with gravel.
X110	4-10-92	8:45 AM	2'	Sample taken in Area 3, south of Area 2. Area appears to have been filled in with slag material. Sample taken approximately 2' south of fence, and 5' west of eastern boundary fence.	Dk to Lt brown sand & gravels mixed with slag. White plastic-like debris noted.
X111	4-10-92	9:05 AM	9-12"	Sample taken in Area 3, approximately 80' south of Area 2's southern boundary and 8' west of Area 2's eastern boundary.	Dk brown sandy soils mixed with slag.
X112	4-10-92	9:20 AM		Sample taken from roots of tree that had fallen over in wetland area of Area 3, located to the east of Area 2, and approximately 12' north of southern boundary, and 30' east of western boundary.	Pink, powdery substance, surface sample.
X113	4-10-92	10:20 AM	1-2"	Sample taken next to former operations building-at the surface.	Dk brown, sandy soil, mixed with white, plastic-like material.
X201	4-10-92	11:05 AM	2-5"	Sample taken from resident's backyard located to the west of Lennon property-approximately 30' northwest of facility garage, and approximately 3' south of resident's garage and 18' west of Lennon's western boundary	Dk brown sandy soil mixed with silt.
X114	4-10-92	11:20 AM	2-4"	Background sample taken near southeastern corner of Woodland School-6' south of building & 6' west of eastern wall.	Medium brown, silty soil.
S101	4-10-92	9:40 AM		Sample taken in wetland area, from western shore of surface water. Area is not fenced & concrete has been dumped in the immediate vicinity. Taken approximately 15' south of sample X112.	Oily sheen in water.

3.4 Surface Water Sampling

One surface water sample was taken off of Lennon Wallpaper Company's property, south of the wetland area, and approximately 300 feet east of the railroad. It is not known who owns this property. Table 3-1 details the sampling activity.

3.5 Analytical Results

Chemical analysis of the fifteen soil/sediment samples collected during the inspection revealed the presence of elevated concentrations of the following substances: volatiles, semi-volatiles, pesticides, metals, and suspected laboratory artifacts, and common inorganic soil constituents (See Figure 3-1 for sampling locations). Chemical analysis of the surface water sample also revealed the presence of elevated concentrations of certain metals and laboratory artifacts. Table 3-3 in Appendix D provides a summary of analytic results. Complete analytic results can be found in Volume II of this report.

3.6 Key Samples

Table 3-2 identifies those samples taken during the CERCLA Screening Site Inspection which were shown to contain contaminants at levels which were significantly higher than found in the established background sample.

TABLE 3-2
KEY SAMPLE SUMMARY

LENNON WALLPAPER
ILD984799759

KEY SAMPLES

SAMPLING POINT	X114	X101	X102	X103	X104	X105	X106	X107	X108	X109	X110	X111	X112	X113	X201	S101
PARAMETER	4-10-92 Background	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-10-92	4-10-92	4-10-92	4-10-92
VOLATILES		ppb														
Acetone	12.0 U	--	--	--	110.0	--	--	27.0	--	--	--	--	--	--	--	--
2-Butanone (MEK)	12.0 U	--	--	--	76.0	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	12.0 U	--	--	--	--	--	--	--	--	--	--	--	--	11.0 J	--	--
Toluene	12.0 U	--	--	--	1300.0	--	--	--	--	--	--	--	--	--	--	--
Xylene(total)	12.0 U	--	--	--	48.0	--	--	--	--	--	--	--	--	--	--	--
SEMIVOLATILES		ppb														
2,4-Dichlorophenol	390.0 U	--	--	--	--	--	71.0 J	--	--	--	--	--	--	--	--	--
1,2,4-Trichlorobenzene	390.0 U	--	--	--	--	--	75.0 J	--	--	--	--	--	--	--	--	--
Naphthalene	390.0 U	--	--	--	--	--	--	--	--	--	--	250.0 J	--	--	--	--
4-Chloroaniline	390.0 U	--	--	--	--	--	--	270.0 J	--	--	--	--	--	--	--	--
2-Methylnaphthalene	390.0 U	--	--	--	--	--	--	--	--	--	420.0 J	370.0 J	--	--	--	--
Pentachlorophenol	940.0 U	--	--	--	--	2900.0	--	--	--	--	--	--	--	--	--	--
Phenanthrene	390.0 U	160.0 J	250.0 J	220.0 J	--	--	--	--	--	290.0 J	2300.0	1500.0	--	2500.0 J	700.0	--
Anthracene	390.0 U	--	--	--	--	--	--	--	--	--	170.0 J	140.0 J	--	--	--	--
Fluoranthene	81.0 J	260.0 J	270.0 J	350.0 J	--	--	--	--	--	350.0 J	560.0	590.0	--	3800.0 J	970.0	--
Pyrene	390.0 U	300.0 J	260.0 J	360.0 J	--	--	--	--	--	--	370.0 J	540.0	--	3700.0 J	990.0	--
Benzo(a)anthracene	390.0 U	--	--	210.0 J	--	--	--	--	--	--	270.0 J	480.0	--	2100.0 J	450.0	--
Chrysene	390.0 U	--	--	240.0 J	--	--	--	--	--	--	340.0 J	580.0	--	2600.0 J	570.0	--
Benzo(b)fluoranthene	390.0 U	--	--	420.0 J	--	--	--	--	--	--	--	--	--	2600.0 J	620.0	--
Benzo(k)fluoranthene	390.0 U	--	--	--	--	--	--	--	--	--	--	1200.0	--	1900.0 J	--	--
Benzo(a)pyrene	390.0 U	--	--	--	--	--	--	--	--	--	--	360.0 J	--	2200.0 J	430.0	--
Benzo(g,h,i)perylene	390.0 U	--	--	--	--	--	--	--	--	--	--	110.0 J	--	--	--	--
1,4-Dichlorobenzene	--					360.0 J					--	--	--	--	--	--
TICs	22	28	23	22	25	19	17	21	8	24	28	24	17	22	21	24.0
PESTICIDES		ppb														
alpha-BHC	20.0 U	--	--	--	--	--	--	--	--	--	--	14.0 JPD	--	--	--	--
beta-BHC	20.0 U	--	--	--	--	--	--	--	--	--	66.0 PD	--	--	--	--	--
Aldrin	20.0 U	--	--	--	--	17.0 JPD	57.0 PD	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	20.0 U	--	--	25.0 D	--	--	--	--	--	--	21.0 JD	25.0 D	--	--	20.0 JPD	--
4,4'-DDE	20.0 U	--	--	--	--	--	--	--	--	23.0 JD	--	--	--	--	21.0 JD	--
Dieldrin	39.0 U	31.0 JPD	91.0 D	--	--	200.0 PD	350.0 PD	--	--	--	55.0 PD	--	--	--	--	--
Endrin	39.0 U	--	20.0 JPD	--	--	38.0 JPD	160.0 D	--	--	--	--	--	--	--	--	--
4,4'-DDT	39.0 U	--	--	--	--	--	--	--	--	26.0 JPD	--	50.0 D	--	--	53.0 PD	--
Endrin Ketone	39.0 U	--	31.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	20.0 U	--	--	17.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	20.0 U	--	--	10.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
Endrin aldehyde	39.0 U	--	--	--	--	--	--	--	--	--	24.0 JPD	--	--	--	--	--
INORGANICS		ppm														
Aluminum	13300.0												--	97200.0	--	--
Antimony	5.0 U	--	--	--	--	--	--	--	--	--	--	--	97.6	--	--	--
Arsenic	9.58												--	56.5	--	--
Barium	109.0	536.0	4550.0			9270.0	11600.0	13100.0	6660.0		2310.0		9390.0	1160.0	1430.0	--
Cadmium	.66	8.0	12.1	--		471.0	10.0	439.0	--	--	--	--	38.3	--	3.0	--
Calcium	33700.0	146000.0		191000.0						142000.0			--	--	--	--
Chromium	15.6		147.0			1950.0	1530.0	3330.0	64.6				10700.0	116.0	--	--
Copper	19.6	792.0	1910.0			8120.0	20000.0	27000.0	1710.0		482.0	67.1	329.0	949.0	94.9	--
Lead	49.7		705.0			10660.0	11200.0	15000.0					42800.0	269.0	493.0	--
Magnesium	19300.0			100000.0						70200.0			--	--	--	--
Mercury	.01 B	0.1	.11		--	.07		.12				.05	.18	.14	.23	--
Nickel	15.3							68.5						64.7	--	--
Selenium	.12 U	2.2	2.2	--	--	--	--	--	--	--		.92	--	--	--	--
Silver	1.2	3.6	--					--			--	--	12.6	--	--	--
Sodium	149.0 B										643.0	936.0	--	--	--	--
Zinc	91.7	777.0	2030.0			6660.0	5790.0	9250.0	670.0		574.0	392.0	4230.0	937.0	1150.0	--
Cyanide	1.0 U	--	--	--	--	--	--	2.8	--	--	--	--	29.0	--	--	--

4. IDENTIFICATION OF SOURCES

4.1 Introduction

In this section, the author will briefly discuss the various hazardous waste sources which have been identified in the initial stages of the CERCLA Site Investigation.

Information concerning the size, volume, and waste composition of each source has been derived throughout the initial site assessment, reconnaissance visits, and sampling events. It should be pointed out, however, that the total number and nature of each of the sources identified below may be subject to change. The site may be redefined as the facility progresses through the CERCLA site investigation program and receives further investigation. Figure 4-1 provides a map for source location information.

4.2 Lagoons

Four unlined lagoons were used at Lennon Wallpaper Company that received effluent from the plant's processing operations. The lagoons are located in areas to the north and to the northeast of the operation buildings.

One lagoon, approximately three feet wide, two feet deep, and 100 feet long, runs north-south near the western perimeter of Area #1. Soil samples taken during the April, 1992 sampling event include volatiles, semi-volatiles, pesticides, and

metals.

Pathways of concern for this source include groundwater, air, and soil exposure.

A group of three lagoons, used as settling ponds and a storage pit, are located within Area #1, approximately 50 feet west of the eastern perimeter of Area #1. The sizes of the lagoons are unknown and have been filled in. The three lagoons were not sampled during the April, 1992 sampling event.

The fourth unlined lagoon, located in Area #2, is approximately 100 feet long, and 20 feet wide. This lagoon, located approximately ten feet east of the railroad tracks, received direct discharge from Lennon Wallpaper Company. The northern one-third of the lagoon is separated from the southern portion by fill and the surrounding fence.

Samples taken from this lagoon in April, 1992, revealed analytically significant levels of volatiles, semi-volatiles, pesticides and metals. Groundwater was observed at a depth of four feet during the June, 1989 sampling event. Samples from the June, 1989 sampling event revealed the presence of similar volatiles, semi-volatiles, and heavy metals: arsenic, cadmium, chromium, lead, and selenium.

Pathways of concern include groundwater, air, surface water,

and soil exposure.

4.3 Drum Disposal Areas

Three known areas of drum disposal activity are present at Lennon Wallpaper Company, two areas have been observed in Area #1 and one in Area #2. Two crushed drums were discovered lying on a junk pile in Area #1 where sample X104 was taken. Samples revealed the presence of analytically significant levels of volatiles, including acetone, 2-butanone, toluene, and xylenes.

Also, buried drums were observed below the top of the water table in the northwest corner of Area #1 during the June, 1989 sampling event. Historical aerial photographs of the facility show that this was an active disposal area in the 1960's and 1970's. Sample X104 was taken in this area, and the samples revealed the presence of analytically significant levels of volatiles, semi-volatiles, pesticides, and metals.

In Area #2, several partially buried drums were found near the southern perimeter of Area #2, approximately 50 feet south of the settling ponds. The total number of drums buried in this immediate area is unknown. Sample X108 was taken here and the samples revealed the presence of analytically significant levels of volatiles, semi-volatiles, and metals.

Pathways of concern include groundwater, surface water, air,

and soil exposure.

4.4 Contaminated Soil

Numerous areas of contaminated soil have been observed at the Lennon Wallpaper site in Joliet during the June, 1989 and April, 1992 sampling events (See Figures 2-6 and 3-1 for locations). The contamination of these soils appears to be directly related to areas of discharge from the Lennon Wallpaper Company.

Samples taken during the June, 1989 sampling event revealed the presence of volatiles, semi-volatiles, metals and dioxin compounds. Samples taken during the April, 1992 sampling event revealed the presence of volatiles, semi-volatiles, metals and pesticides.

Pathways of concern include groundwater, surface water, air and soil exposure.

5. MIGRATION PATHWAYS

5.1 Introduction

This section discusses data and information that apply to potential migration pathways and targets of TCL compounds that can be attributed to Lennon Wallpaper. The pathways of concern are groundwater, surface water, air, and soil exposure (direct contact).

5.2 Groundwater Pathway

The facility is located on an alluvial terrace associated with the Des Plaines River Valley. Review of area well logs indicate that bedrock beneath the site is at approximately 20 feet below ground surface. Overlying the bedrock are sand and gravel deposits which were deposited in valley trains by glacial meltwaters.

The aquifer of concern lies in overburden and the Silurian Dolomite underlying the site. During the June, 1989 Illinois EPA inspection of the site, the upper limit of the aquifer was observed at approximately 4 feet below the ground surface on the site.

According to a Woodward-Clyde workplan, prepared for the Lennon Wallpaper Company (in accordance with directives given in the 4(q) notice), downward percolating water provides recharge for this upper aquifer and the hydraulic

conductivity is estimated to be about $1x10^{-3}$ cm/sec. The groundwater flow direction in the vicinity may be westerly towards Hickory Creek and the Des Plaines River, or southerly, toward abandoned rock quarries.

Illinois EPA records show that one well, approximately 150 feet deep was used to provide processing water to Lennon. Water for sanitation was obtained from municipal sources. The City of Joliet obtains water from 14 public water supply wells. Five Joliet wells are screened in the aquifer of concern and are located over four miles to the northwest and west of the site. The remaining municipal wells are screened at depths in excess of 1500 feet below ground. Several well systems in the area appear to be blended systems (Reference Appendix G). The closest municipal well is located at approximately 2000 feet northeast of the site and is screened at a 1608 foot depth. According to the Illinois State Water Survey, there are 3,236 domestic wells located within four miles of the site, and the closest private well is approximately 1/4 mile to the southeast of the site.

According to the Joliet Water District, and from review of census information, it is estimated that approximately 11,000 people use water from the public and private wells located within four miles of the site using the aquifer of concern. A listing of the number of public wells and approximate number of private wells and users in each distance category for the

aquifer of concern are identified below.

Distance	Wells	Private Well Population	Total
0-1/4 mile	0	0	0
1/4 to 1/2 mile	4	12	12
1/2 to 1 mile	22	54	834
1 to 2 miles	17	*	4099
2 to 3 miles	6	*	730
3 to 4 miles	4	*	4625

* Well Logs Not Available

5.3 Surface Water Pathway

According to Illinois EPA records, no downstream public water intakes exist within the 15 mile surface water target distance limits. Two lakes, occupying former rock quarries, are present to the south and southwest. The lake located immediately south of the site was used by the Joliet Beach Club (Michigan Beach) for swimming and recreation. The area is now to be abandoned, however, it appears that the area is being accessed. Fences enclosing the Lennon property were constructed in 1989, following the June, 1989 sampling event. However, this fencing does not completely surround the site, and therefore, access to contaminated Lennon property.

At one time, according to the Illinois Geological Survey, much of the area to the north and east of the facility was wetland. However, due to the heavy industrialization of the immediate vicinity, these wetlands are not as prevalent today. Initial field observation suggests that some remnants of wetland are still present north of Area #2 and also in the

northeastern corner of Area #3, which is partially enclosed. Contaminants were discovered in a pink, powdery substance in soil located in this one wetland area. A surface water sample was taken outside of the fence and approximately 20 feet south of the previously identified sampling location.

A storm sewer inlet located at the site diverts runoff approximately 1800 feet north to Hickory Creek, and then 1.5 miles to the Des Plaines River. Both bodies of water are fisheries according to the Illinois Department of Conservation.

Wastes were allegedly dumped in the lagoon in the northeast part of the site by Lennon and other wallpaper companies in the area, all possibly contributing to the contamination at the site.

According to Illinois EPA Bureau of Land files, groundwater may feed the rock quarry, immediately south of the site, and, therefore contaminants found onsite may leach into the water and be released into the quarry.

5.4 Air

No releases to the air were detected during the SSI at Lennon Wallpaper while collecting soil/sediment or surface water samples. A photo-ionization detector (HNU) with an 11.7 eV lamp was used to screen the samples and monitor for any air

releases.

Approximately 106,025 live within four miles of the Lennon Wallpaper site in Joliet. The following table provides information concerning populations located within a four mile radius of the site.

Distance	Population
On a Source	4
Greater than 0-1/4	473
Greater than 1/4-1/2	2530
Greater than 1/2-1 mile	6728
Greater than 1-2 miles	34,043
Greater than 2-3 miles	32,865
Greater than 3-4 miles	29,383

According to Richard Silverman, there are four workers onsite. There are also 147 residents situated within 200 feet of the site. Woodlawn School is located approximately 200 feet to the west of the site (Population figures are approximate).

5.5 Soil Exposure (Direct Contact)

Human exposure of contaminated soils located at this site to the four workers located on site is of concern at Lennon Wallpaper, as well as approximately 147 residents located within 200 feet of the site and the 200 students who attend Woodlawn School. Direct contact is of concern due to the accessibility of the site to the general public. Fencing, with gate entrances, is present along the northern boundary (with the exception of the railroad) and along the eastern

boundary. However, the site access is unrestricted from the south and north.

The Lennon Wallpaper Company installed fencing around their parcels. However, areas of documented contamination exist that are not enclosed. The partially enclosed wetlands also contain areas of documented contamination. Access needs to be restricted at all areas of the site.

Due to clearing activities in Area #3, paint wastes have been observed at the surface. Portions of this area are currently used as a truck parking area by the Silvermans.

6. BIBLIOGRAPHY

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APPENDIX A

APPENDIX A

SITE 4-MILE MAP

SDMS US EPA Region V

Imagery Insert Form

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APPENDIX B

15-MILE SURFACE WATER MAP

APPENDIX C

PREVIOUS SAMPLING ACTIVITIES

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

Reference 2

DATE: June 23, 1989

TO: Hank Konzelman

FROM: Kent Gardenour, Harza

RECEIVED

JUN 28 1989

IEPA-DLPC

SUBJECT: 1970455001/Will County
Joliet/Lennon Wallpaper
Superfund/Technical Reports

The purpose of this memo is to document the site investigation performed at the subject site on June 22. The investigation consisted of backhoe trenching and sampling from the excavated soil. Some samples were split with Mr. Dean Lee of the DCI.

The attached map shows the location of the trenches which were excavated. The samples were taken from a backhoe bucket with a stainless steel sampling spoon. A clean spoon was used for each sample. Each sample was analyzed for Volitales, BNA, and EP Tox Metals. The samples were:

L101 - Taken from the top two feet of trench one. The soil was sandy with some staining.

L102 - Taken from three to four feet in depth from trench one. The soil was a black organic layer immediately above the water table.

L201 - Taken from the top foot of trench two at the approximate former waterline of the lagoon. The soil was sand. Approximately 20 feet east of trench two was a target range made of stacked bottles. This indicates that the public has been in direct contact with any surface contamination in the lagoon area.

F101 - Taken from approximately four feet from the surface of trench three. The sample material was multi-colored.

F102 - Taken from a four foot depth in trench seven. The sample material appeared to be a sludge which contained brightly colored spots. The excavation uncovered buried drums and debris which were below the water table.

F201 - Taken from a four foot depth in trench ten. The soil profile down to the watertable was a bright rust red color.

F301 - Taken from a three foot depth in trench eleven. The soil contained mahy colors.

Trench six, which may not be on Lennon property, showed a bright yellow vein. Each trench showed some sort of discoloration in the soil. Drum burial appears to be limited to two areas; near the surface in the trench three through five area, and buried below water in trench seven. No significant volitale emissions were detected with TIP monitoring.

A final comment is on the aquifer which exists at approximately four feet below the surface of the site. The aquifer consists of a poorly graded coarse gravel. The permiability of the aquifer as well as the overlying soil appears to be extremely high. If the contamination present at the site is leachable, then it will be very mobile and cause for concern.

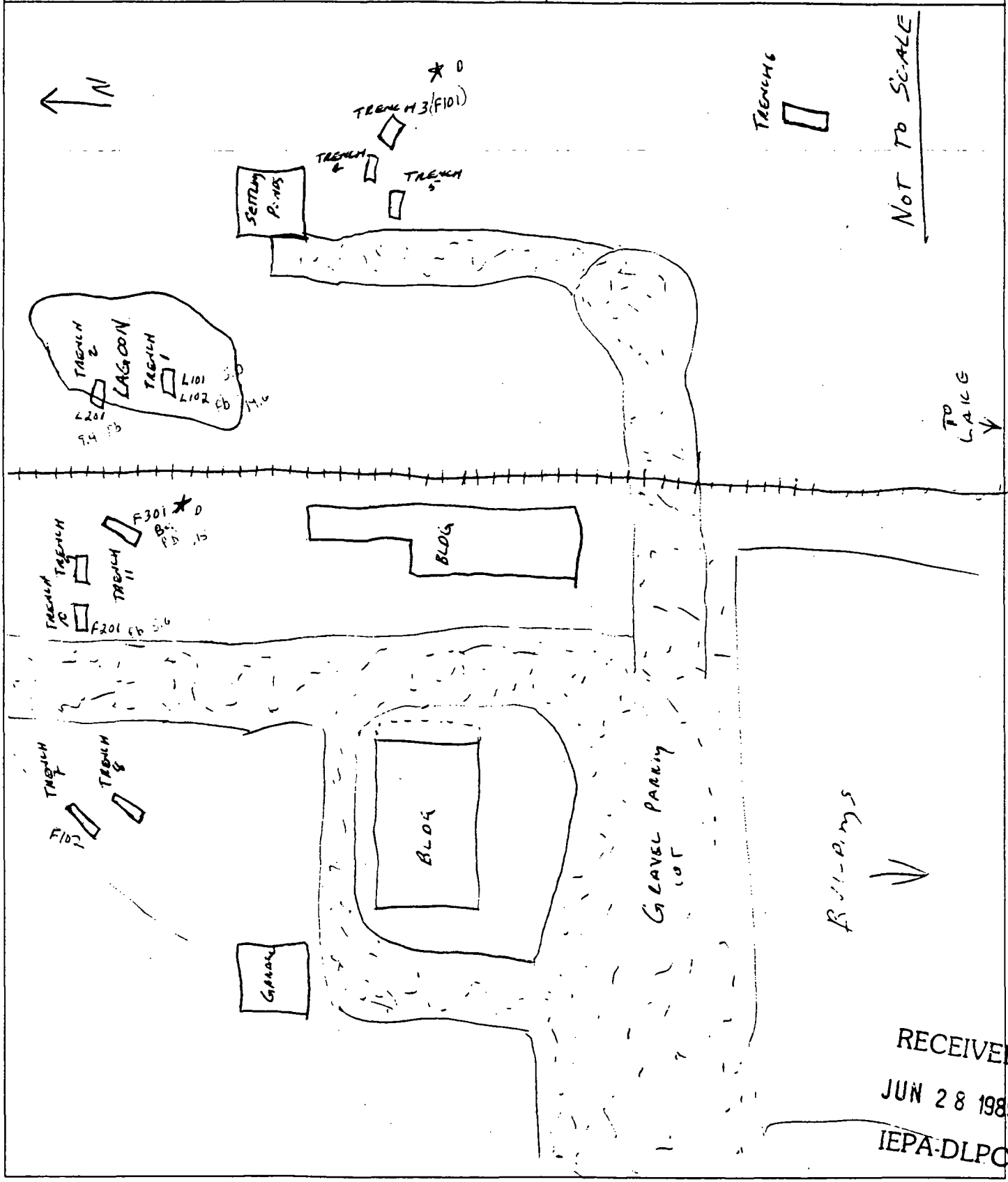
If you have any questions or require further action, please contact me.

KG:sa:0159s

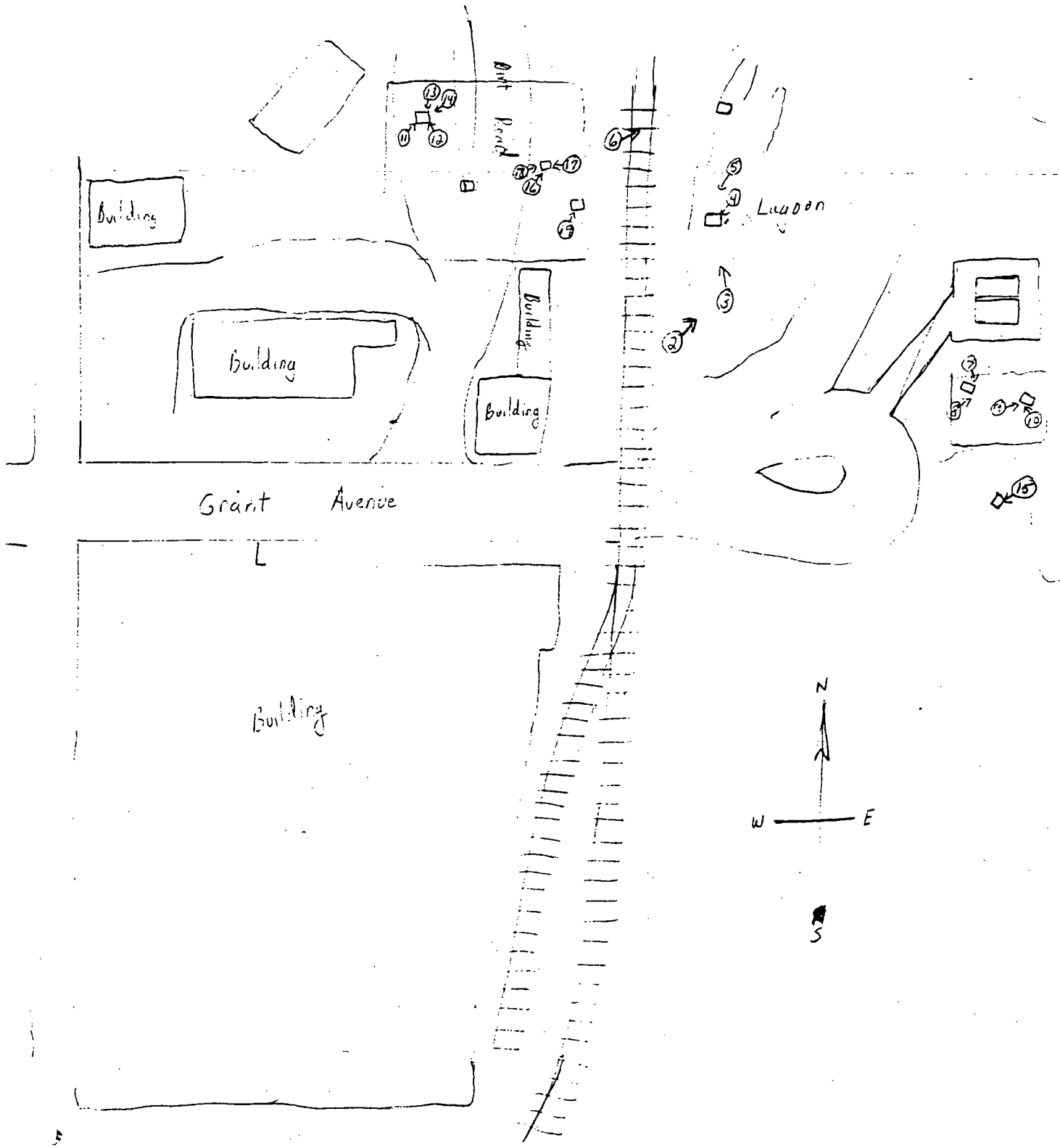
cc: Jim Janssen

HARZA
ENVIRONMENTAL SERVICES, INC.

SUBJECT: TRENCH LOCATIONS LENNON WALLPAPER	PROJECT: IEPA OVERSITE / LENNON FILE NUMBER: 1868 547
COMPUTED: KEG CHECKED: -0-	DATE: JUNE 22, 1989 Page 1 of ____ Pages



Lennon Wallpaper



June 22, 1989 Sampling Event

Chemical	F101	F102	F201	F301	L101	L102	L2
	(mg/l - ppm)						
VOCs							
Methylene Chloride	0.030	0.030	0.033	0.067	0.140		
Replicate	0.028	0.015					
Acetone	0.009			0.063			0.0
Replicate				0.033			0.0
Carbon Disulfide	0.011			0.063		0.010	
Replicate	0.007			0.011			
1,2-Dichloroethane	0.016	0.010		0.032	0.008		
Replicate	0.009	0.007		0.019			
2-Butanone						0.055	
Toluene		0.013	0.002				
Replicate		0.006	0.003				
BNAs							
4-Chloroaniline	0.850	1.600	0.720	0.650	7.600		7.2
Fluoranthrene						1.300	
bis (2-ethylhexyl)phthalate		0.690					
1,4-Dichlorobenzene	0.810	1.000	1.300		12.000		9.9
Pentachlorophenol					2.100		

Chemical		F101	F102	F201	F301	L101	L102	L2
		(mg/l - ppm)						
Metals								
Arsenic	EP TOX		0.0047			0.002	0.0032	
Barium	EP TOX				1.0			
Cadmium	EP TOX	0.021	0.010	0.021	0.10	0.016	3.6	0.0
Chromium	EP TOX					0.024	0.029	
Lead	EP TOX			5.6	0.15	5.000	14.6	9.4
Selenium	EP TOX		0.0032	0.0028	0.0021	0.0029	0.0035	

June 1989 - Subsequent Dioxin Testing

Parameter (ppb)	F101		TEQs	F301	TEQs
2378 TCDD	EMPC 0.02		0.05	0.25	0.59
12378 PeCDD	0.07		0.035	0.71	0.355
123478 HxCDD	EMPC 0.39		0.016	0.71	0.028
123678 HxCDD	19.4		0.776	2.1	0.084
123789 HxCDD	1.7		0.068	3.0	0.12
1234678 HpCDD	976.0	S	0.976	46.0	0.046
OCDD	6470.0	S	0.0	2.5	0.0
2378 TCDF	0.03		0.001	0.11	0.006
12378 PeCDF	0.06		0.006	EMPC 0.02	0.002
23478 PeCDF	0.04		0.004	0.05	0.005
123478 HxCDF	2.4		0.024	0.12	0.0
123678 HxCDF	0.42		0.004	0.05	0.002
234678 HxCDF	0.16		0.002	0.05	0.0
123789 HxCDF	0.08		0.001	<0.008	0.0
1234678 HpCDF	102.0		0.102	0.70	0.001
1234789 HpCDF	9.8		0.01	0.04	0.0
OCDF	1460.0		0.0	1.6	0.0
Total TCDD	0.70		0.006	3.2	0.026
Total PeCDD	2.3		0.011	6.2	0.027
Total HxCDD	70.0		0.02	21.0	0.006
Total HpCDD	1690.0	S	0.007	93.4	0.001
Total TCDF	0.09		0.0	1.5	0.001
Total PeCDF	0.77		0.001	0.69	0.001
Total HxCDF	70.4		0.007	1.8	0.0
Total HpCDF	830.0		0.007	3.6	0.0
			---		---
Total TEQs			2.134		1.301

S = response has exceeded the normal dynamic range of the mass spectrometer detection system and the reported analyte concentration is the "minimum estimate."

EMPC = Estimated Maximum Possible Concentration

ate: June 22, 1989

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Dean W. Lee

ity: Joliet

EPA #: 1970455001

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Lennon Wallpaper

mments: TRACK HOE EXCAVATING TRENCH #1, SOURCE OF SAMPLE X101.

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ty: Joliet

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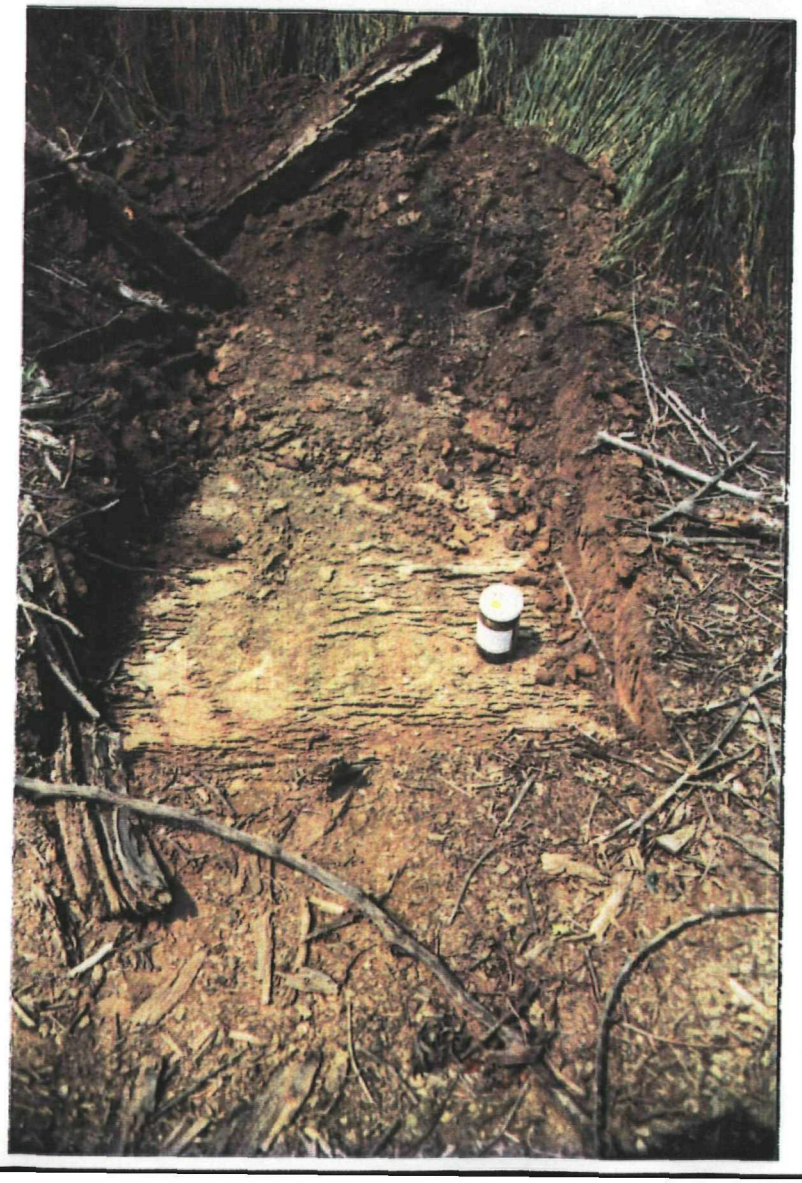

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Lennon Wallpaper

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mments: TRENCH #7 OURCE OF SAMPLE 106. NOTE WASTE MINGLED WITH SOIL.

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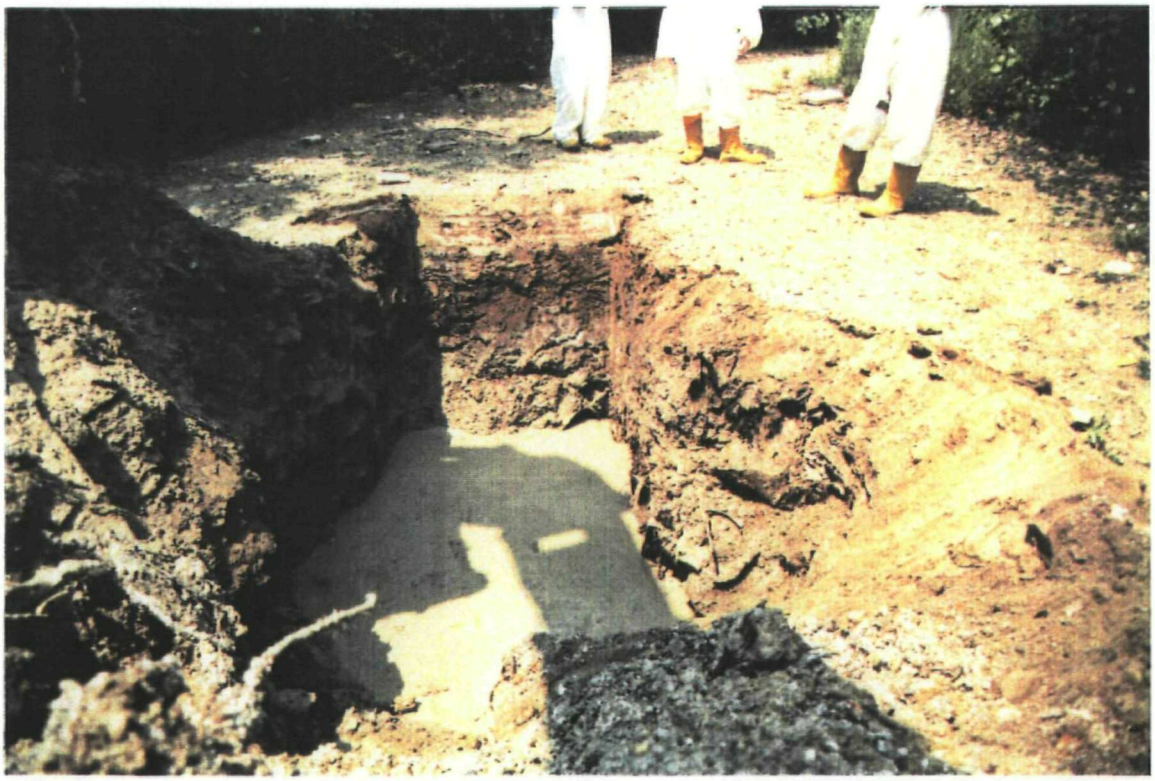

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Lennon Wallpaper

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oto # ___ Roll # 89-273

CONFIDENTIAL

te: June 22, 1989

me: 9:30am - 5:00pm

otograph By:

Dean W. Lee

ty: Joliet

PA #: 1970455001

te Name:

Lennon Wallpaper

mments: TRENCH #11 SAMPLE X109 AND SOURCE.

oto # ___ Roll # 89-273

te: June 22, 1989

me: 9:30am - 5:00pm

otograph By:

Dean W. Lee

ty: Joliet

PA #: 1970455001

te Name:

Lennon Wallpaper

mments: SAMPLE X110 AND SOURCE: TWO WASTE WATER SETTLING PONDS.

oto # ___ Roll # 89-273

CONFIDENTIAL

te: June 22, 1989

me)':30am - 5:00pm

otograph By:

Dean W. Lee

ty: Joliet

PA #: 1970455001

te Name:

Lennon Wallpaper

mments: SOUTHERNMOST WASTE WATER TREATMENT POND, FACING WEST.

oto # ___ Roll = 89-273

te: June 22, 1989

me: 9:30am - 5:00pm

otograph By:

Dean W. Lee

ty: Joliet

PA #: 1970455001

te Name:

Lennon Wallpaper

mments: SOUTHERNMOST WASTE WATER TREATMENT POND, FACING EAST.

oto # ___ Roll = 89-273

CONFIDENTIAL

Illinois Environmental Protection Agency · P.O. Box 19276, Springfield, IL 62794-9276

DATE: April 6, 1990

TO: See Below

FROM: Hank Konzelmann

SUBJECT: LPC #1970450001 - Will County
Joliet/Lennon Wallpaper
Superfund/Enforcement

Section 4(Q) Notice

Attached is the Section 4(Q) Notice for the Lennon Wallpaper facility in Joliet, Illinois. This document is ready for the Director's signature.

If you agree with the recommendation that Director Killian sign this document, please so indicate below and forward to the next person on the list. If you believe a briefing with the Director is necessary, please let me know and I will arrange it.

	CONCUR	DATE	REQUEST BRIEFING
Hank Konzelmann, Project Manager	HK	4/6/90	
Jim Janssen		4/12/90	
Don Gimble	DG by GK	4/13/90	
Bill Child	WCC	4-16-90	
Roger Kanerva	RK	4/18/90	
Bernard Killian			

TABLE OF CONTENTS

Note the meeting scheduled for May 3, 1990 on page 17 of this Notice.

III. FINDINGS OF FACT

The following constitutes an outline of the facts upon which this Notice is based.

A. Lennon Wall Paper Company, a Delaware corporation, is the owner of property consisting of approximately 11 acres located at 807 Fourth Avenue, Joliet, Illinois (hereinafter, the "Site").

B. Lennon Wall Paper Company has owned and operated the Site as a wallpaper manufacturing facility since 1981. From prior to 1940 to 1981 the Site was owned and operated as a wallpaper manufacturing facility by corporate predecessors to Lennon Wall Paper Company. During the period of time the Site has been operated as a wallpaper manufacturing facility, dyes, pigments and other chemicals have been spilled, leaked or disposed of on the Site.

C. On March 23, 1989, IEPA personnel collected soil samples from several areas of the Site. Analysis of these samples using the EP toxicity test detected heavy metals at concentrations up to the following: Barium, 1.46 ppm; Cadmium, 0.253 ppm;; Chromium, 0.519 ppm; Lead, 48.4 ppm; Mercury, 0.0007 ppm; Silver, 0.111 ppm.

Parameter (ppb)	F101		TEQs	F301	TEQs
2378 TCDD	EMPC 0.02		0.05	0.25	0.59
12378 PeCDD	0.07		0.035	0.71	0.355
123478 HxCDD	EMPC 0.39		0.016	0.71	0.028
123678 HxCDD	19.4		0.776	2.1	0.084
123789 HxCDD	1.7		0.068	3.0	0.12
1234678	976.0	S	0.976	46.0	0.046
OCDD	6470.0	S	0.0	2.5	0.0
2378 TCDF	0.03		0.001	0.11	0.006
12378 PeCDF	0.06		0.006	EMPC 0.02	0.002
23478 PeCDF	0.04		0.004	0.05	0.005
123478 HxCDF	2.4		0.024	0.12	0.0
123678 HxCDF	0.42		0.004	0.05	0.002
234678 HxCDF	0.16		0.002	0.05	0.0
123789 HxCDF	0.08		0.001	0.008	0.0
1234678 HpCDF	102.0		0.102	0.70	0.001
1234789 HpCDF	9.8		0.01	0.04	0.0
OCDF	1460.0		0.0	1.6	0.0
Total TCDD	0.70		0.006	3.2	0.026
Total PeCDD	2.3		0.011	6.2	0.027
Total HxCDD	70.0		0.02	21.0	0.006
Total HpCDD	1690.0	S	0.007	93.4	0.001
Total TCDF	0.09		0.0	1.5	0.001
Total PeCDF	0.77		0.001	0.69	0.001
Total HxCDF	70.4		0.007	1.8	0.0
Total TEQs			2.134		1.301

S = response has exceeded the normal dynamic range of the mass spectrometer detection system and the reported analytic concentration is the "minimum estimate."

EMPC = Estimated Maximum Possible Concentration

TEC = Toxic Equivalent

E. In November, 1989 Toronto Dominion Bank assumed control and operation of Lennon Wall Paper Company, including the Site, and started to dispose of its assets for the purpose of repaying a loan from Toronto Dominion Bank to Lennon Wall Paper Company. Toronto Dominion Bank continues to this date operating the Lennon Wall Paper Company including the Site.

VI. IDENTIFIED RESPONSE ACTION

A. Necessary Personnel, Facilities, etc.

The Parties shall furnish the necessary personnel, materials, services, facilities, and otherwise do all things necessary for or incident to the performance of the work items set forth below.

B. Notification of Agency

Each Party shall notify the Agency in writing within 28 days of the effective date of this Notice, of the nature and extent of the corrective measures that such Party is willing to undertake in accordance with this Notice. If the Party fails to notify the Agency within 28 days of the effective date of this Notice, the Agency will assume that such Party refuses to undertake these actions, and the Agency will proceed accordingly.

The notification shall indicate the appropriate name, address, and telephone number for further contact with the Party, and shall include a statement of the type and extent of the activity which such Party is willing to undertake and a schedule for such action.

C. Supervision of Work

All work performed pursuant to this Notice shall be under the supervision of a qualified professional engineer or response cleanup contractor approved by the Agency. The professional engineer or contractor shall have expertise in the cleanup of hazardous substances.

i) A sampling plan as described in Section VI(F)(1)(b) and a schedule for the completion of such work consistent with Section VI(F)(5).

ii) The name, address, and qualifications of the professional engineer or professional geologist who will be directing the work.

iii) The name, address, and qualifications of the contractors and subcontractors who will be performing the work.

b. Sampling Plan

i) General Requirements:

The Parties shall develop and submit for Agency approval a sampling plan describing a site sampling program for soil, surface water, and for groundwater. The sampling program shall serve these purposes:

(a) To determine the type and extent of contamination in soil, surface water, and groundwater.

(b) To determine the character of the waste in the soil, surface water, and groundwater so as to allow for development of treatment and/or disposal plans.

iv) Requirements for Groundwater:

The portion of the sampling plan for sampling groundwater, if required under Section VI(F)(2), shall be designed to:

(a) Determine the extent of any groundwater contamination by installation of a sufficient number of groundwater monitoring wells.

(b) Determine the presence of volatile organics, acid/base/neutrals, and metals.

c. Safety Plan

Prior to initiating any field activities at the Site, the Parties shall develop and submit for Agency approval a safety plan to protect the health and safety of personnel involved in the project. The plan shall address not only on-site workers but also off-site public concerns. The plan shall be consistent with all applicable state and federal laws and regulations including but not limited to 29 CFR 1910.120 (Final Rule, Hazardous Waste Operations and Emergency Response).

e) Site Map

The Parties shall prepare a topographic map with one (1) foot contours referenced to National Geodetic Datum and a scale of 1 inch to 50 feet. The map shall cover the entire site, at least to the center lines of adjacent roads and extending at least 200 feet past site property lines not adjacent to roads or railroad rights of way. In addition, any areas downgradient of the Site which were potentially contaminated by precipitation run-off from the Site shall be mapped. Features to be included on the map are monitoring wells, structures, fences, drainageways and roads. All private wells used for sampling or water level measurements shall be located and elevations confirmed. A legal description of the property boundaries shall be obtained from records and a property boundary survey performed by the Parties.

2. Remedial Investigation Report

The Parties shall prepare a Remedial Investigation Report incorporating the information obtained in Section VI)(F)(1) and consisting of an analysis of site-specific objectives for the remedial response. The objectives shall be based on public health and environmental concerns. Detailed descriptions of sampling locations and protocols, and all quality assurance information shall be included in an appendix to the report. The analysis shall include a summary of the type and extent of contamination on the Site. This analysis shall address all pathways of contamination and include an exposure assessment.

(ii) The name, address, and qualifications of the professional engineer or professional geologist who will be directing the work; and

iii) The name, address, and qualifications of the contractors and subcontractors who will be performing the work.

b. Feasibility Study

The feasibility study shall develop and evaluate remedial alternatives, including an environmental assessment, and recommend the appropriate cost-effective remedial action. Remedial alternatives shall be developed during the remedial investigation. Preliminary cleanup objectives shall be developed and be subject to approval by the Agency.

4. Cleanup Objectives

Upon submission of the Final Remedial Investigation Report, the Agency will establish cleanup objectives for the soil and the groundwater. Cleanup objectives are the maximum concentrations of specific contaminants allowable to remain after response action takes place in order to satisfy this Notice.

5. Schedule, if groundwater investigation under Section VI(F)(1)(b)(iv) is not required.

a. Within one (1) month of the effective date of this Notice, the Parties shall submit the following to the Agency:

i) A Remedial Investigation Work Plan prepared in accordance with Section VI(F)(1)(a);

the Agency's receipt of such documents. If the Agency does not approve or reject such documents within this thirty (30) day review period, the schedule for completion of subsequent tasks which are dependent on such Agency decision will be extended for the period of the delay.

6. Schedule, if groundwater investigation under Section VI(f)(1)(b)(iv) is required.

a. Within one (1) month of the effective date of this Notice, the Parties shall submit the following to the Agency:

i) A Remedial Investigation Work Plan prepared in accordance with Section VI(F)(1)(a):

ii) A Sampling Plan prepared in accordance with Section VI(F)(1)(b);

iii) A Site Safety Plan prepared in accordance with Section VI(F)(1)(c);

iv) A Quality Assurance Plan prepared in accordance with Section VI(F)(1)(d); and

v) A Site Map prepared in accordance with Section VI(F)(1)(e).

b. Within six (6) months of the effective date of this Notice, the Parties shall submit a FINAL Remedial Investigation Report to the Agency.

c. Within seven (7) months of the effective date of this notice, the Parties shall submit a groundwater investigation work plan in accordance with Section VI(F)(1)(b)(iv).

of this meeting will be to discuss the issues addressed in this Notice. Please contact Donald L. Gimbel of the Agency's legal staff at this address, or telephone number (708/345-9780) if you have any questions.

VII. DESIGNATED PROJECT COORDINATORS

The Agency and the Parties shall each designate a Project Coordinator. Each Project Coordinator shall be responsible for overseeing the implementation of this Notice. The Agency Project Coordinator will be the Agency's designated representative. To the maximum extent possible, communications between the Parties and the Agency and all documents, including reports, approvals, and other correspondence concerning the activities performed pursuant to the terms and conditions of this Notice, shall be directed through the Project Coordinators.

The Agency and the Parties each have the right to change their respective Project Coordinators. Such a change shall be accomplished by notifying the other party in writing at least five (5) calendar days prior to the change.

The Agency Project Coordinator and the Agency On-Scene Coordinator shall have the authority to halt, conduct, or direct any tasks required by this Notice and/or any response actions or portions thereof when conditions present an immediate risk to public health or welfare or the environment. In the event that the Agency Project Coordinator or On-Scene Coordinator halts such tasks for a specified period of time, the Parties shall be given an additional amount of time equal to the period of delay in order to complete subsequent tasks.

such persons to inspect and copy all records, files, photographs, documents, and other writings, including all sampling and monitoring data, in any way pertaining to work undertaken pursuant to this Notice. All parties with access to the Site pursuant to this paragraph shall comply with all approved health and safety plans.

IX. RECORD PRESERVATION

The Parties shall preserve, during the pendency of this Notice and for a minimum of six (6) years after its termination, all records and documents in their possession or in the possession of their divisions, employees, agents, accountants, contractors, or attorneys which relate in any way to the Site, despite any document retention policy to the contrary. The Parties may fulfill this obligation by retention on microfilm or other comparable record keeping. After this six year period, the Parties shall notify the Agency 30 calendar days prior to the destruction of any such documents. Upon request by the Agency, the Parties shall make available to the Agency such records or copies of any such records. Additionally, if the Agency requests that some or all documents be preserved for a longer period of time, the Parties shall comply with that request. Compliance with this paragraph shall not be construed to indicate a waiver of any applicable right or privilege.

XII. REIMBURSEMENT OF COSTS

The Agency shall submit to the Parties an accounting of all response and oversight costs incurred by the State of Illinois with respect to this Notice and with respect to this Site. The response and oversight costs included in the accounting submitted by the Agency to the Parties shall include such costs incurred by the Agency during current and prior State fiscal years, including but not limited to all such costs incurred by the Agency prior to the effective date of this Notice. The Parties shall, within thirty (30) calendar days of receipt of that accounting, remit a certified check for the amount of those costs made payable to the Treasurer - State of Illinois, with a notation for deposit in the Illinois Hazardous Waste Fund. Checks should specifically identify the site and be addressed to:

Illinois Environmental Protection Agency
Fiscal Services
2200 Churchill Road
P.O. Box 19276
Springfield, Illinois 62794-9276

A copy of the transmittal letter shall be sent to the Agency's Project Coordinator.

The Agency reserves the right to bring an action against the Parties pursuant to the Act for recovery of all response and oversight costs incurred by the State of Illinois which are related to this Notice and not reimbursed by the Parties, as well as any other costs incurred by the State of Illinois in connection with response activities conducted pursuant to the Act at the Site.

relieving the Parties of their obligation to obtain such formal approval as may be required by this Notice.

XVI. PARTIES BOUND

This Notice shall apply to and be binding upon the Parties and their agents, successors, and assigns and upon all persons, contractors, and consultants acting under or for either the Parties or the Agency or both.

No change in ownership or corporate or partnership status relating to the Site will in any way alter the status of the Parties or in any way alter the Parties' responsibility under this Notice. The Parties will be responsible for carrying out all activities required of the Parties under this Notice.

XVII. FAILURE TO COMPLY WITH THIS NOTICE

Pursuant to Section 22.2 of the Act (Ill. Rev. Stat. 1987, ch. 111 1/2, par. 1022.2), if a Party fails without sufficient cause to provide the Identified Response Action as set forth herein upon or in accordance with this Notice and request by the Agency, such failure may subject such party to liability to the State of Illinois for punitive damages in an amount at least equal to, and not more than three times, the amount of any costs incurred by the State as a result of such failure. The punitive damages shall be in addition to any costs recovered from the liable party pursuant to said Section 22.2 of the Act, and in addition to any other penalty or relief provided by the Act or any other law.

STATE OF ILLINOIS)
) SS
COUNTY OF SANGAMON)

PROOF OF SERVICE

I, the undersigned, on oath state that I have served the attached Notice Pursuant to Section 4(q) of the Environmental Protection Act, upon the person(s) to whom it is directed, by placing a copy in an envelope addressed to:

John Helling, Jr., Registered Agent
Lennon Wall Paper Company
400 Earl Road
Shorewood, IL 60436

Robin Korthals, President
Toronto Dominion Bank
55 King Street West
Toronto, Ontario
Canada M5K1A2

Robert J. McGavin, Vice President
Public Affairs
55 King Street West, 19th Fl.
Toronto, Ontario
Canada M5K1A2

John Leckie, General Mgr
Toronto Dominion Bank
Three First National Plaza
Suite 1900
Chicago, IL 60603

and sending it by Certified Mail return receipt requested from Springfield, Illinois on April 20, 1990 with sufficient postage affixed.

Richard K. Swaggerty

SUBSCRIBED AND SWORN TO BEFORE ME

This 20th day of April, 1990.

Barbara K. McGee

Notary Public

OFFICIAL SEAL
BARBARA K. McGEE
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES 4-13-91

4778B

APPENDIX D

TARGET COMPOUND LIST

LENNON WALLPAPER
ILD984799759

Table 3-3 TABLE 4-1 SUMMARY

SAMPLING POINT	X114	X101	X102	X103	X104	X105	X106	X107	X108	X109	X110	X111	X112	X113	X201	S101
	4-10-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-9-92	4-10-92	4-10-92	4-10-92	4-10-92	4-10-92	4-10-92
PARAMETER	Background															
VOLATILES	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Methylene Chloride	12.0 U	--	9.0 BJ	11.0 BJ	25.0 B	11.0 BJ	11.0 BJ	11.0 BJ	20.0 B	7.0 BJ	13.0 B	28.0 B	7.0 BJ	60.0 B	--	--
Acetone	12.0 U	6.0 J	--	11.0 J	110.0 J	13.0 J	14.0 J	27.0	--	--	--	--	--	--	6.0 BJ	--
2-Butanone (MEK)	12.0 U	--	--	--	76.0	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	12.0 U	--	--	--	--	--	--	--	--	--	--	--	--	11.0 J	3.0 J	--
4-Methyl-2-Pentanone	12.0 U	--	--	--	18.0 J	--	--	--	--	--	--	--	--	--	--	--
Toluene	12.0 U	--	--	--	1300.0	--	--	--	--	--	--	--	--	--	--	--
Xylene(total)	12.0 U	--	--	--	48.0	--	--	--	--	--	--	--	--	--	--	--
TICs		0	0	0	9	9				1	1	1	1	1	1	
SEMIVOLATILES	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
2,4-Dichlorophenol	390.0 U	--	--	--	--	--	71.0 J	--	--	--	--	--	--	--	--	--
Pentachlorophenol	940.0 U	--	--	--	--	2900.0	--	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	390.0 U	--	110.0 J	--	--	--	--	--	--	92.0 J	420.0 J	370.0 J	--	--	100.0 J	--
1,2,4-Trichlorobenzene	390.0 U	--	--	--	--	--	75.0 J	--	--	--	--	--	--	--	--	--
Naphthalene	390.0 U	--	60.0 J	--	--	--	--	63.0 J	--	--	100.0 J	250.0 J	--	--	120.0 J	--
4-Chloroaniline	390.0 U	--	92.0 J	--	--	--	--	270.0 J	--	--	--	--	--	--	--	--
Dibenzofuran	390.0 U	--	--	--	--	--	--	64.0 J	--	--	--	--	--	--	--	--
Phenanthrene	390.0 U	160.0 J	250.0 J	220.0 J	--	--	--	--	--	290.0 J	2300.0	1500.0	--	2500.0 J	700.0	--
Anthracene	390.0 U	--	--	--	--	--	--	--	--	--	170.0 J	140.0 J	--	--	--	--
Fluoranthene	81.0 J	280.0 J	270.0 J	350.0 J	--	--	--	--	--	350.0 J	560.0	590.0	--	3800.0 J	970.0	--
Pyrene	390.0 U	300.0 J	280.0 J	360.0 J	--	--	--	--	--	320.0 J	370.0 J	540.0	--	3700.0 J	930.0	--
Butyl benzyl phthalate	130.0 BJ	870.0 B	940.0 B	1000.0 B	--	--	--	--	--	--	--	--	--	--	5300.0 B	--
Bis(2-ethylhexyl)phthalate	330.0 BJ	1200.0 B	1600.0 B	2000.0 B	--	2700.0 B	2300.0 B	--	2700.0 BJ	--	--	--	2100.0 BJ	3400.0 BJ	2600.0 BE	--
Chrysene	390.0 U	--	--	240.0 J	--	--	--	--	--	230.0 J	340.0 J	560.0	--	2600.0 J	570.0	--
Benzo(a)anthracene	390.0 U	--	--	210.0 J	--	--	--	--	--	210.0 J	270.0 J	460.0	--	2100.0 J	450.0	--
Di-n-octyl phthalate	390.0 U	--	--	150.0 J	--	--	--	--	--	--	--	--	--	--	220.0 J	--
Benzo (b) fluoranthene	390.0 U	--	--	420.0 J	--	--	--	--	--	230.0 J	--	--	--	2600.0 J	520.0	--
Benzo (k) fluoranthene	390.0 U	--	--	--	--	--	--	--	--	130.0 J	--	1200.0	--	1900.0 J	360.0 J	--
Benzo (a) pyrene	390.0 U	--	--	--	--	--	--	--	--	--	--	360.0 J	--	2200.0 J	430.0	--
Benzo (g,h,i) perylene	390.0 U	--	--	--	--	--	--	--	--	--	--	110.0 J	--	--	--	--
1,4-Dichlorobenzene	390.0 U	--	--	--	--	360.0 J	--	--	--	--	--	--	--	--	--	--
TICs	22	28	23	22	25	19	17	21	6	24	28	24	16	22		
PESTICIDES	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb	ppb
alpha-BHC	20.0 U	--	--	--	--	--	--	--	--	--	--	14.0 JPD	--	--	--	--
beta-BHC	20.0 U	--	--	--	--	--	--	--	--	--	56.0 PD	--	--	--	--	--
Aldrin	20.0 U	--	--	--	--	17.0 JPD	57.0 PD	--	--	--	--	--	--	--	--	--
Heptachlor epoxide	20.0 U	--	--	25.0 D	--	--	--	--	--	--	21.0 JD	25.0 D	--	--	20.0 JPD	--
Dieldrin	20.0 U	31.0 JPD	910.0	--	--	200.0 PD	350.0 PD	--	--	--	55.0 PD	--	--	--	--	--
4,4'-DDE	39.0 U	--	20.0 JPD	--	--	36.0 JPD	160.0 D	--	--	23.0 JD	--	--	--	--	21.0 JD	--
Endrin	39.0 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4,4'-DDT	39.0 U	--	--	--	--	--	--	--	--	26.0 JPD	--	50.0 D	--	--	53.0 PD	--
Endrin Ketone	39.0 U	--	31.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--	--
alpha-Chlordane	20.0 U	--	--	17.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
gamma-Chlordane	20.0 U	--	--	10.0 JPD	--	--	--	--	--	--	--	--	--	--	--	--
INORGANICS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Aluminum	13900.0	--	--	--	--	--	--	--	--	--	--	--	--	97200.0	--	--
Antimony	5.0 U	--	--	--	--	--	--	--	--	--	--	--	97.5	--	--	--
Arsenic	9.59	--	--	--	--	--	--	--	--	--	--	--	--	56.5	--	30.4
Barium	109.0	536.0	4550.0	--	--	9270.0	11600.0	13100.0	6860.0	--	2510.0	--	9390.0	1160.0	1430.0	228.0
Beryllium	.79	--	--	--	--	--	--	--	--	--	--	3.3	--	--	--	--
Cadmium	.68	5.0	--	--	--	--	--	--	--	--	--	--	56.3	--	3.9	--
Calcium	33700.0	145000.0	--	191000.0	--	--	--	--	--	142000.0	--	--	--	--	--	136000.0
Chromium	18.6	--	147.0	--	--	1950.0	1530.0	3330.0	64.8	--	--	--	--	--	--	--
Copper	19.6	792.0	1910.0	--	--	2120.0	20000.0	27000.0	1710.0	--	482.0	67.1	329.0	949.0	94.9	--
Lead	49.7	--	705.0	--	--	10680.0	11200.0	15000.0	--	--	--	--	42800.0	269.0	493.0	--
Magnesium	19300.0	--	--	100000.0	--	--	--	--	--	70200.0	--	--	--	--	--	--
Mercury	.01 B	0.1	.11	--	--	.07	.08 B	.12	.04 B	.03 B	--	.05	.18	.14	.23	--
Nickel	18.3	--	--	--	--	--	--	68.5	--	--	--	--	--	64.7	--	--
Potassium	2470.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8930.0
Selenium	.12 U	2.2	2.2	--	--	--	.28 B	--	--	--	--	--	--	--	--	--
Silver	1.2	3.6	--	--	--	--	--	--	--	--	--	--	12.8	--	--	--
Sodium	149.0 B	471.0 B	606.0 B	--	--	516.0 B	--	--	503.0 B	--	643.0	936.0	--	--	--	40000.0
Zinc	91.7	777.0	2030.0	--	--	6860.0	5790.0	9250.0	570.0	--	374.0	332.0	4230.0	337.0	1150.0	--
Cyanide	1.0 U	--	--	--	--	--	--	2.8	--	--	--	--	29.0	--	1.0	--
Sulfate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	129000.0

TARGET COMPOUND LIST

Volatile Target Compounds

Chloromethane
Bromomethane
Vinyl Chloride
Chloroethane
Methylene Chloride
Acetone
Carbon Disulfide
1,1-Dichloroethene
1,1-Dichloroethane
1,2-Dichloroethene (total)
Chloroform
1,2-Dichloroethane
2-Butanone
1,1,1-Trichloroethane
Carbon Tetrachloride
Vinyl Acetate
Bromodichloromethane
1,2-Dichloropropane
cis-1,3-Dichloropropene
Trichloroethene
Dibromochloromethane
1,1,2-Trichloroethane
Benzene
trans-1,3-Dichloropropene
Bromoform
4-Methyl-2-pentanone
2-Hexanone
Tetrachloroethene
1,1,2,2-Tetrachloroethane
Toluene
Chlorobenzene
Ethylbenzene
Styrene
Xylenes (total)

Base/Neutral Target Compounds

Hexachloroethane
bis(2-Chloroethyl)Ether
Benzyl Alcohol
bis(2-Chloroisopropyl)Ether
N-Nitroso-Di-n-Propylamine
Nitrobenzene
Hexachlorobutadiene
2-Methylnaphthalene
1,2,4-Trichlorobenzene
Isophorone
Naphthalene
4-Chloroaniline
bis(2-chloroethoxy)Methane
Hexachlorocyclopentadiene
2-Chloronaphthalene
2-Nitroaniline
Acenaphthylene
3-Nitroaniline
Acenaphthene
Dibenzofuran
Dimethyl Phthalate
2,6-Dinitrotoluene
Fluorene
4-Nitroaniline
4-Chlorophenyl-phenylether
2,4-Dinitrotoluene
Diethylphthalate
N-Nitrosodiphenylamine
Hexachlorobenzene
Phenanthrene
4-Bromophenyl-phenylether
Anthracene
Di-n-Butylphthalate
Fluoranthene
Pyrene
Butylbenzylphthalate
bis(2-Ethylhexyl)Phthalate
Chrysene
Benzo(a)Anthracene
3,3'-Dichlorobenzidene
Di-n-Octyl Phthalate
Benzo(b)Fluoranthene
Benzo(k)Fluoranthene
Benzo(a)Pyrene
Indeno(1,2,3-cd)Pyrene
Dibenz(a,h)Anthracene
Benzo(g,h,i)Perylene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene

U.S.E.P.A. DEFINED DATA QUALIFIERS

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• U	Compound was tested for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture. For soil samples subjected to GPC clean-up procedures, the CRQL is also multiplied by two, to account for the fact that only half of the extract is recovered.	Analyte was analyzed for but not detected.
• J	Estimated value. Used when estimating a concentration for tentatively identified compounds (TICs) where a 1:1 response is assumed or when the mass spectral data indicate the presence of a compound that meets the identification criteria and the result is less than the sample quantitation limit but greater than zero. Used in data validation when the quality control data indicate that a value may not be accurate.	Estimated value. Used in data validation when the quality control data indicate that a value may not be accurate.
• C	This flag applies to pesticide results where the identification is confirmed by GC/MS.	Method qualifier indicates analysis by the Manual Spectrophotometric method.
• B	Analyte was found in the associated blank as well as in the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action	The reported value is less than the CRDL but greater than the instrument detection limit (IDL).
• D	Identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution factor as in the "E" flag above, the "DL" suffix is appended to the sample number on the Form I for the diluted sample, and all concentration values are flagged with the "D" flag.	not used

QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• E	Identifies compounds whose concentrations exceed the calibration range for that specific analysis. All extracts containing compounds exceeding the calibration range must be diluted and analyzed again. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then the results of both analyses must be reported on separate Forms I. The Form I for the diluted sample must have the "DL" suffix appended to the sample number.	The reported value is estimated because of the presence of interference
• A	This flag indicates that a TIC is a suspected aldol concentration product formed by the reaction of the solvents used to process the sample in the laboratory.	Method qualifier indicates analysis by Flame Atomic Absorption (AA).
• M	not used	Duplicate injection (a QC parameter) not met.
• N	not used	Spiked sample (a QC parameter) recovery not within control limits.
• S	not used	The reported value was determined by the Method of Standard Additions (MSA).
• W	not used	Post digestion spike for Furnace AA analysis (a QC parameter) is out of control limits of 85% to 115% recovery, while sample absorbance is less than 50% of spike absorbance.
• *	not used	Duplicate analysis (a QC parameter) not within control limits.
• +	not used	Correlation coefficient for MSA (a QC parameter) is less than 0.995.

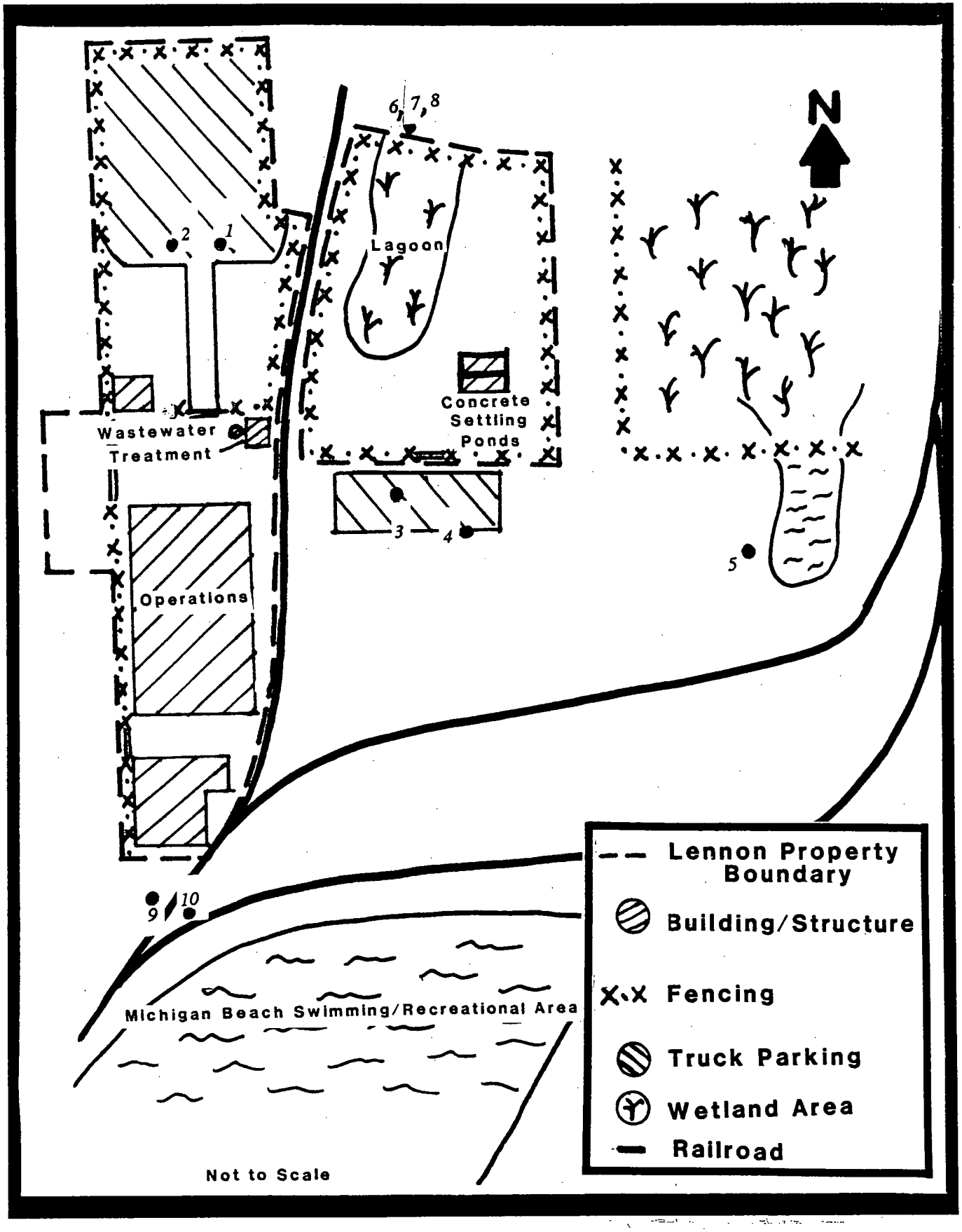
QUALIFIER	DEFINITION ORGANICS	DEFINITION INORGANICS
• P	not used	Method qualifier indicates analysis by ICP (Inductively Coupled Plasma) Spectroscopy.
• CV	not used	Method qualifier indicates analysis by Cold Vapor AA.
• AV	not used	Method qualifier indicates analysis by Automated Cold Vapor AA
• AS	not used	Method qualifier indicates analysis by Semi-Automated Cold Spectrophotometry.
• T	not used	Method qualifier indicates Titrimetric analysis.
• NR	The analyte was not required to be analyzed.	The analyte was not required to be analyzed.
• R	Rejected data. The QC parameters indicate that the data is not usable for any purpose.	Rejected data. The QC parameters indicate that the data is not usable for any purpose.

APPENDIX E

IEPA SITE PHOTOGRAPHS

SITE RECONNAISSANCE PHOTOGRAPHS

OCTOBER 21, 1991



PHOTOGRAPH LOCATION MAP

DATE: October 21, 1991

TIME: 11:15 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 1

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken in the truck parking area located north of the operations buildings.

DATE: October 21, 1991

TIME: 11:15 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 2

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NW

COMMENTS: Photo taken in the truck parking area, located north of the operations building. Note homes in background.

DATE: October 21, 1991

TIME: 11:30 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 3

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken of area located outside fence, south of the concrete settling ponds.

DATE: October 21, 1991

TIME: 11:30 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 4

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: E

COMMENTS: Photo taken in area located east of operations building, south of concrete settling pond area.

DATE: October 21, 1991

TIME: 11:35 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 5

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: E

COMMENTS: Photo taken in area south of the eastern wetland area.

DATE: October 21, 1991

TIME: 11:35 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 6

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SSE

COMMENTS: Photo taken at northern end of lagoon.

DATE: October 21, 1991

TIME: 11:40 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 7

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at

northern end of the lagoon.

DATE: October 21, 1991

TIME: 11:40 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 8

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at

northern end of the lagoon.

DATE: October 21, 1991

TIME: 11:40 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 9

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken at southern end of the site, south of the operations building.

DATE: October 21, 1991

TIME: 11:40 a.m.

PHOTOGRAPH TAKEN BY:

Kimberlee Nika

PHOTOGRAPH NUMBER: 10

LOCATION: L1970455001

Lennon Wallpaper Company

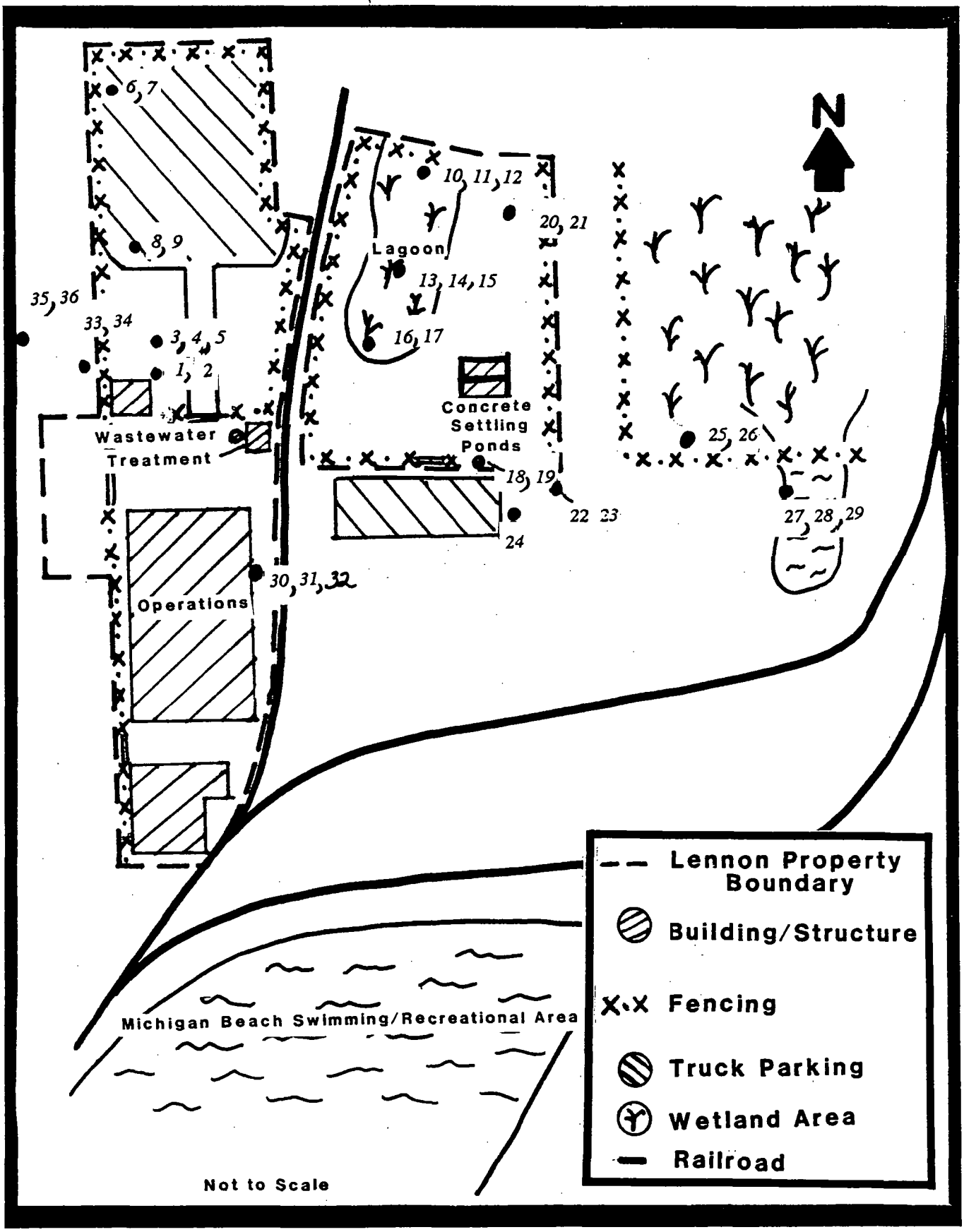
ILD984799759

PICTURE TAKEN TOWARD: ENE

COMMENTS: Photo taken at south end of the site. Michigan Beach Swimming/ Recreation Area is located to the right of photo.

SITE INSPECTION PHOTOGRAPHS

APRIL 9 & 10, 1992



PHOTOGRAPH LOCATION MAP

DATE: April 9, 1992

TIME: 11:15 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 1

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X101, in the trench located north of the former operation buildings.

DATE: April 9, 1992

TIME: 11:15 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 2

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: S

COMMENTS: Photo taken at sample X101.

DATE: April 9, 1992

TIME: 11:20 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 3

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken of area located in the the trench located north of the operation building.

DATE: April 9, 1992

TIME: 11:35 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 4

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X102, in the trench located north of the operation building.

DATE: April 9, 1992

TIME: 11:35 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 5

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: S

COMMENTS: Photo taken at sample X102.

DATE: April 9, 1992

TIME: 11:50 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 6

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X103, located at the northern portion of the western truck parking area.

DATE: April 9, 1992

TIME: 11:50 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 7

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SE

COMMENTS: Photo taken at sample X103.

DATE: April 9, 1992

TIME: 12:25 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 8

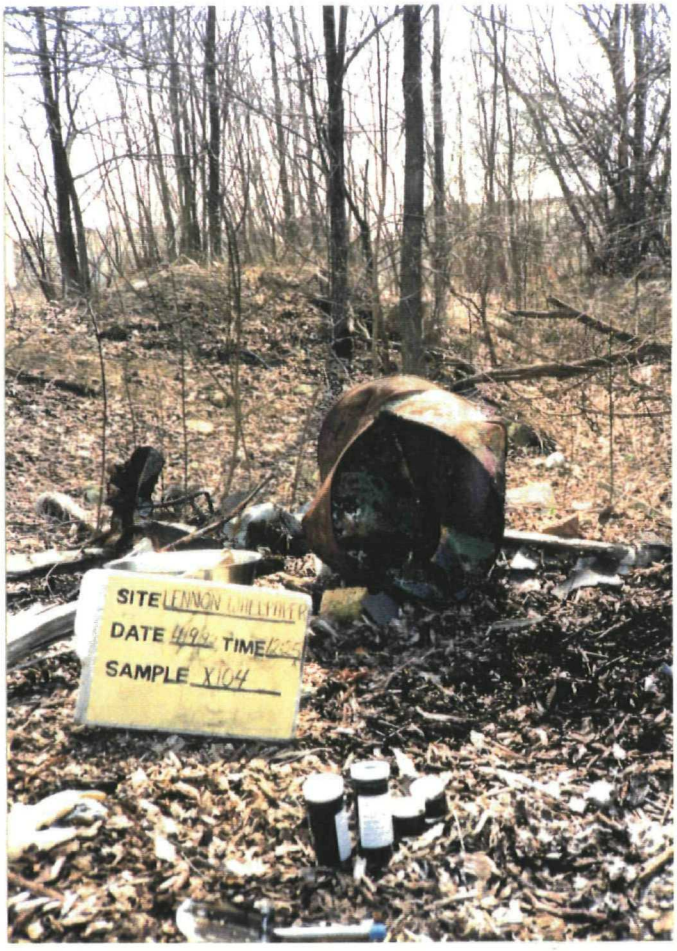
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: S

COMMENTS: Photo taken at sample X104, near wood chip pile, note drum in background



DATE: April 9, 1992

TIME: 12:25 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 9

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at

sample X104.

DATE: April 9, 1992

TIME: 2:50 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 10

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

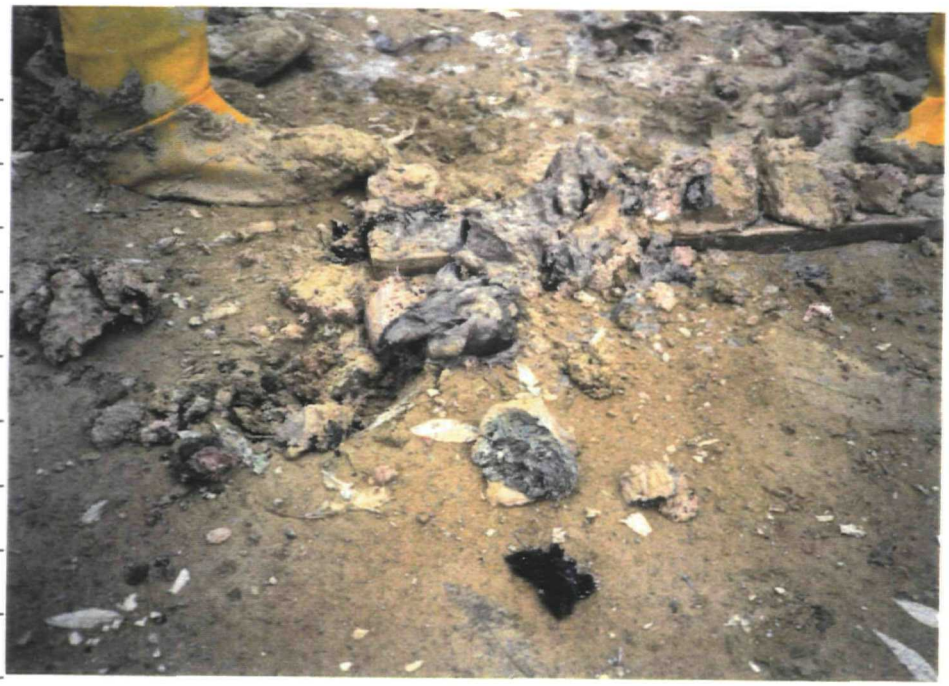
COMMENTS: Photo taken at

sample X105, in the lagoon

located east of the railroad

tracks that run through the

property.



DATE: April 9, 1992

TIME: 2:55 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 11

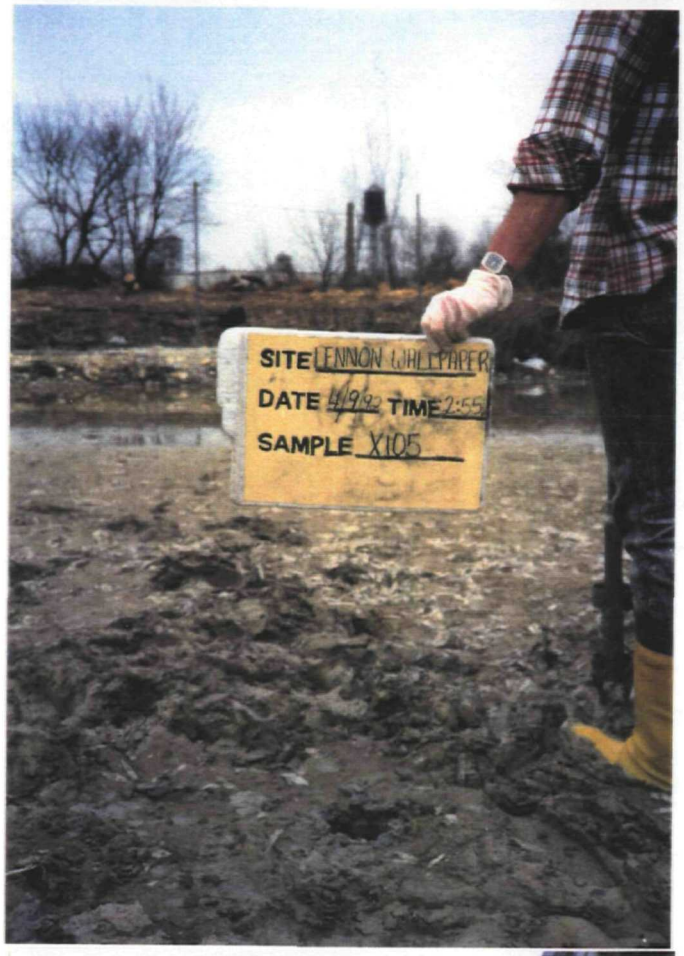
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X105.



DATE: April 9, 1992

TIME: 2:55 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 12

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at sample X105, in the lagoon located east of the railroad tracks.

DATE: April 9, 1992

TIME: 11:15 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 13

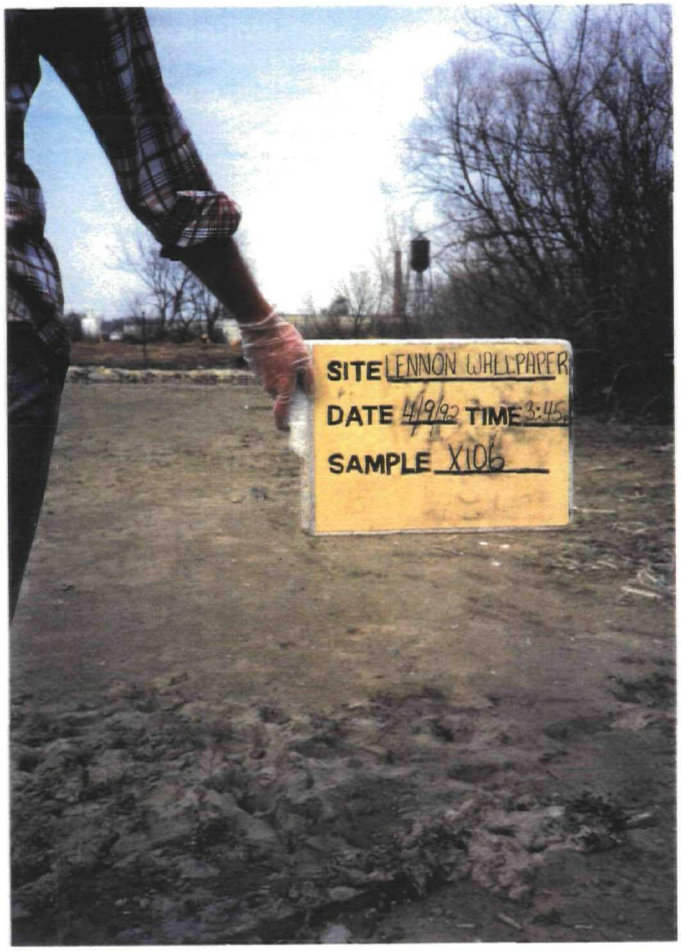
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X106, in the lagoon located east of the railroad tracks.



DATE: April 9, 1992

TIME: 3:45 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 14

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X106.

DATE: April 9, 1992

TIME: 3:45 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 15

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at sample X106.

DATE: April 9, 1992

TIME: 4:00 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 16

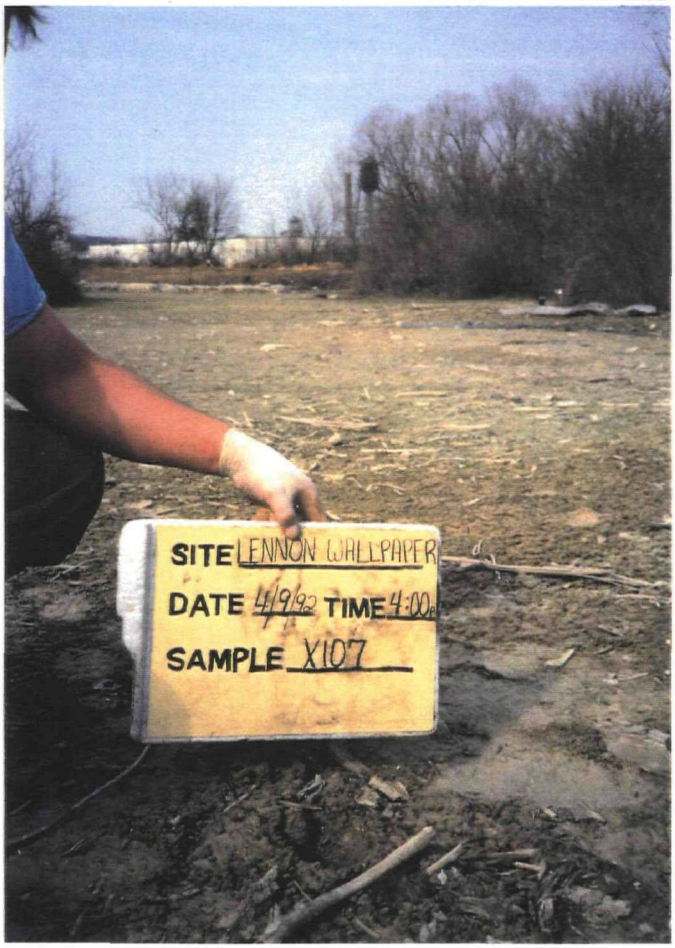
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken at sample X107, near the southern end of the lagoon located east of the railroad tracks.



DATE: April 9, 1992

TIME: 4:00 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 17

LOCATION: L1970455001

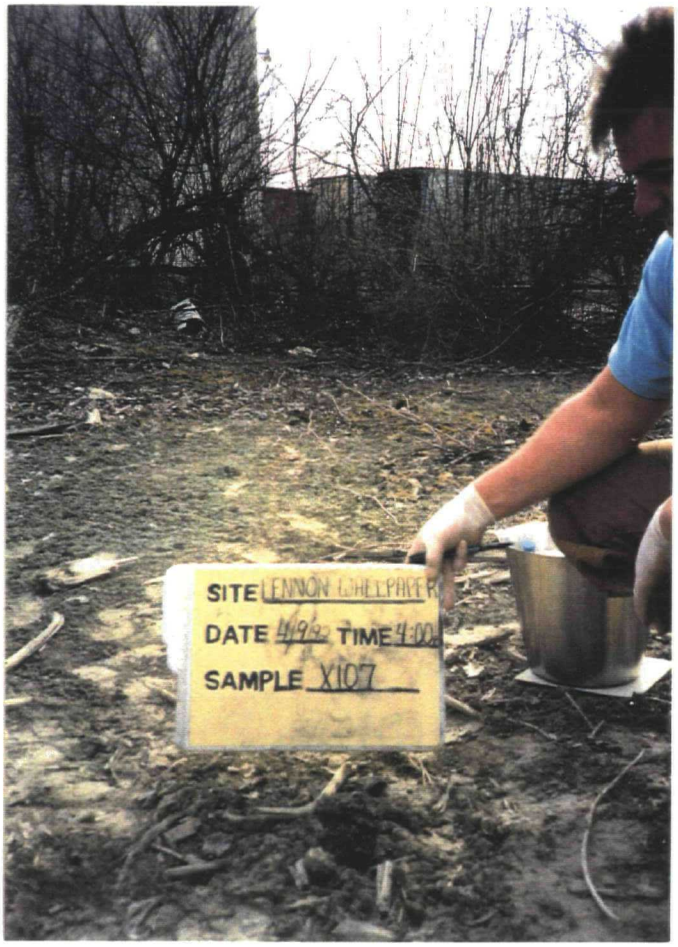
Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at

sample X107.



DATE: April 9, 1992

TIME: 4:50 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 18

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: S

COMMENTS: Photo taken at

sample X108, south of the

settling ponds.

DATE: April 9, 1992

TIME: 4:50 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 19

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NW

COMMENTS: Photo taken at

sample X108.

DATE: April 9, 1992

TIME: 5:15 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 20

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SW

COMMENTS: Photo taken at

sample X109, northeast of the

settling ponds.

DATE: April 9, 1992

TIME: 5:15 p.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 21

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: E

COMMENTS: Photo taken at sample X109.

DATE: April 10, 1992

TIME: 8:45 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 22

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken at sample X110, south of fence which surrounds the lagoon and settling ponds.

DATE: April 10, 1992

TIME: 8:45 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 23

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: W

COMMENTS: Photo taken at

sample X110.

DATE: April 10, 1992

TIME: 9:05 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 24

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: W

COMMENTS: Photo taken at

sample X111, located outside

of fence which surrounds

lagoon and settling ponds.

DATE: April 10, 1992

TIME: 9:20 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 25

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken at sample X112. Sample was taken of soil from the bottom of fallen tree located in wetland

DATE: April 10, 1992

TIME: 9:20 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 26

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: NE

COMMENTS: Photo taken at sample X112.

DATE: April 10, 1992

TIME: 9:40 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 27

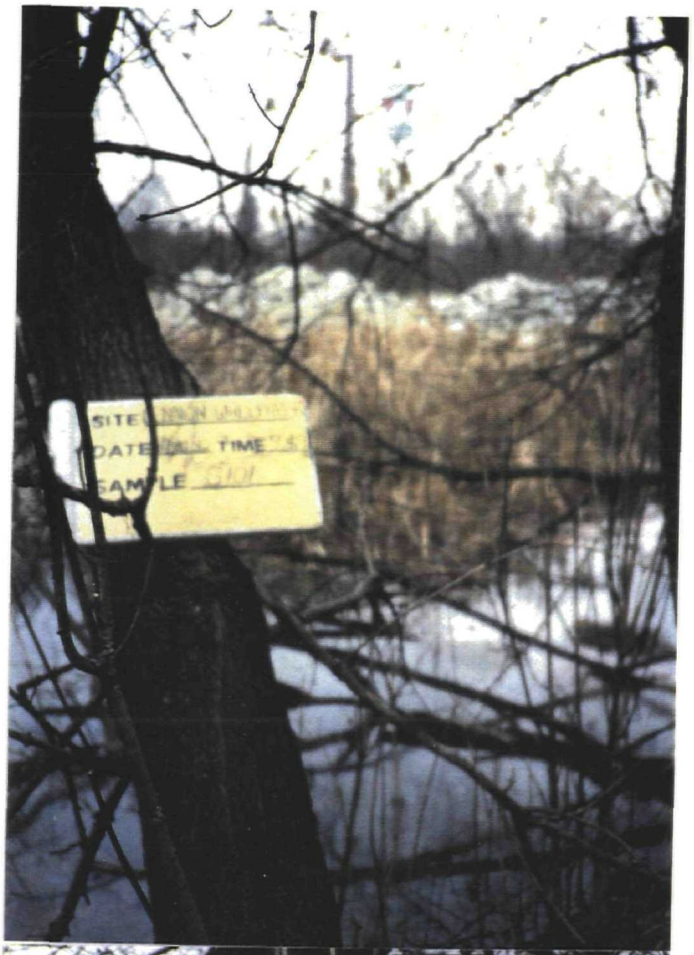
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: E

COMMENTS: Photo taken at sample S101, located south of wetland.



DATE: April 10, 1992

TIME: 9:40 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 28

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample S101.

DATE: April 10, 1992

TIME: 9:40 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 29

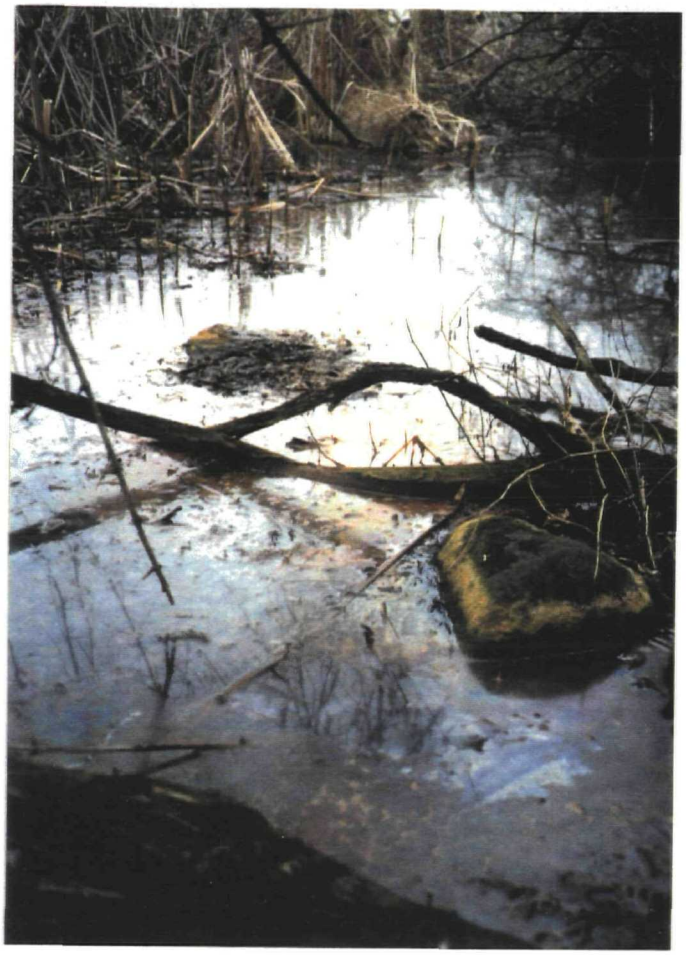
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: ENE

COMMENTS: Photo taken at sample S101.



DATE: April 10, 1992

TIME: 9:40 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 30

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: S

COMMENTS: Photo taken at sample X113, located on the east side of the Lennon operations building.

DATE: April 10, 1992

TIME: 10:20 a.m.

PHOTOGRAPH TAKEN BY:

Sheila Murphy

PHOTOGRAPH NUMBER: 31

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at

sample 113.

DATE: April 10, 1992

TIME: 10:25 a.m.

PHOTOGRAPH TAKEN BY:

Kim Nika

PHOTOGRAPH NUMBER: 32

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: W

COMMENTS: Photo taken of east

side of operations building.

DATE: April 10, 1992

TIME: 11:05 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 33

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SE

COMMENTS: Photo taken at sample X201, along southern boundary of Dent's backyard.

DATE: April 10, 1992

TIME: 11:05 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 34

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: W

COMMENTS: Photo taken at sample X201.

DATE: April 10, 1992

TIME: 11:20 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 35

LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

PICTURE TAKEN TOWARD: SE

COMMENTS: Photo taken at sample X114, located at Woodland School.

DATE: April 10, 1992

TIME: 11:20 a.m.

PHOTOGRAPH TAKEN BY:

Ken Corkill

PHOTOGRAPH NUMBER: 36

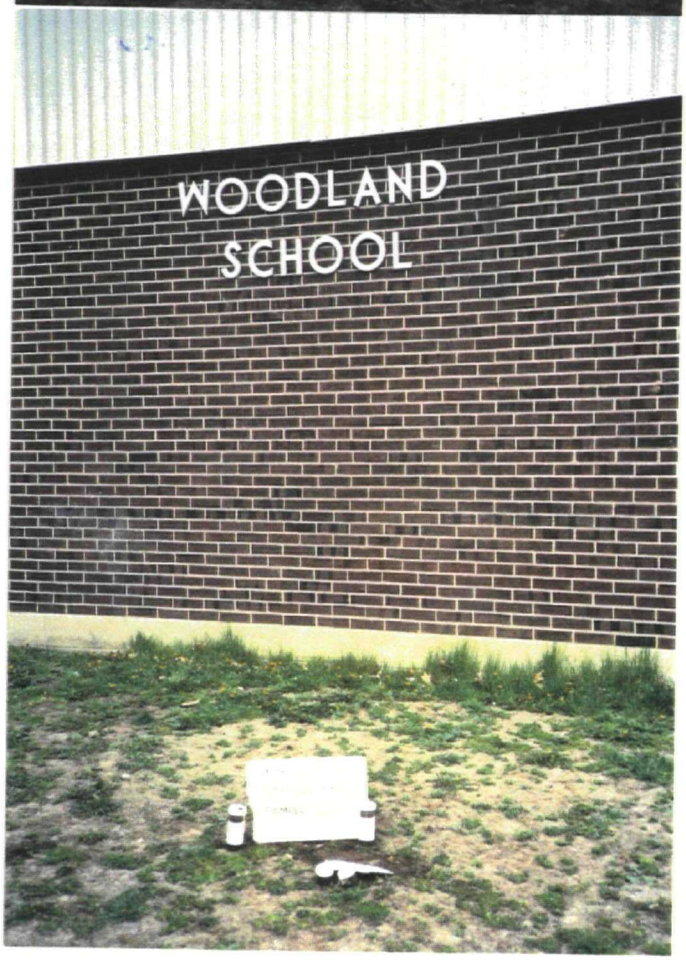
LOCATION: L1970455001

Lennon Wallpaper Company

ILD984799759

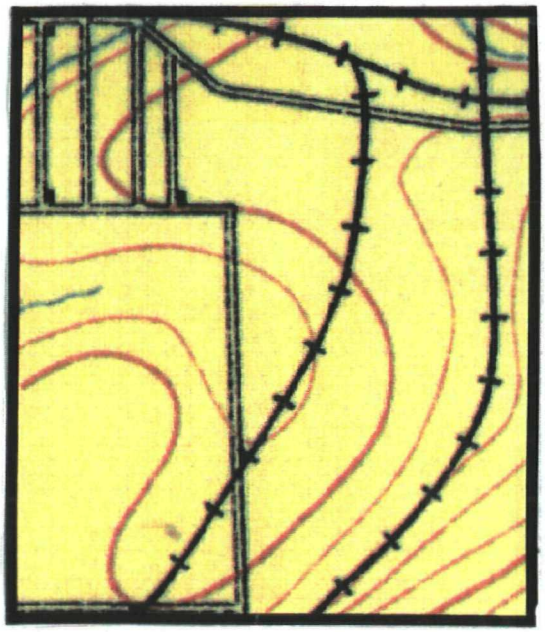
PICTURE TAKEN TOWARD: N

COMMENTS: Photo taken at sample X114.

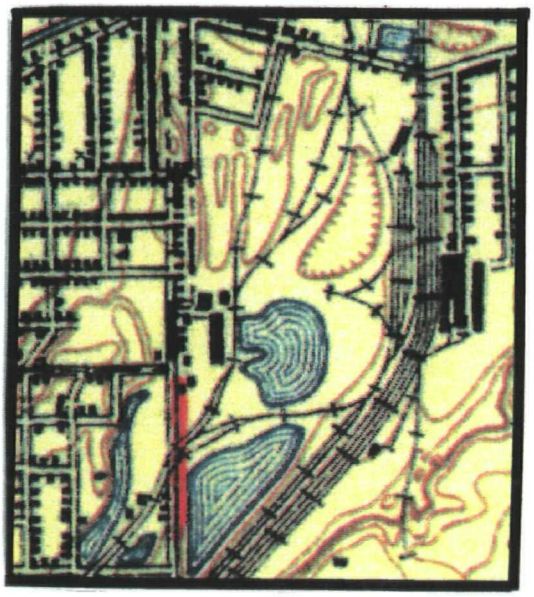


APPENDIX F

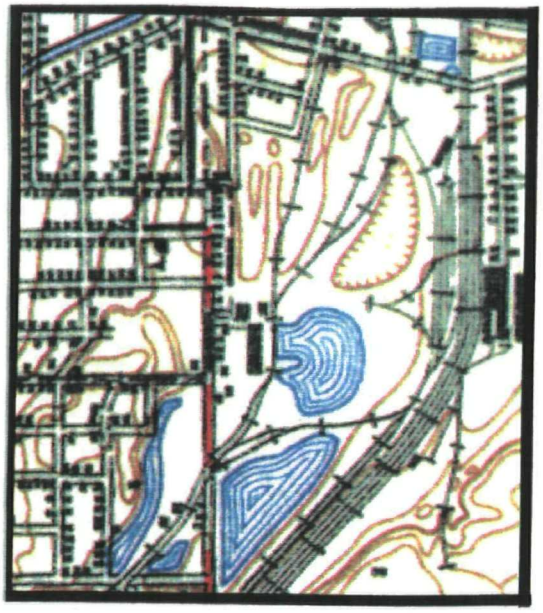
AERIAL PHOTOGRAPHS



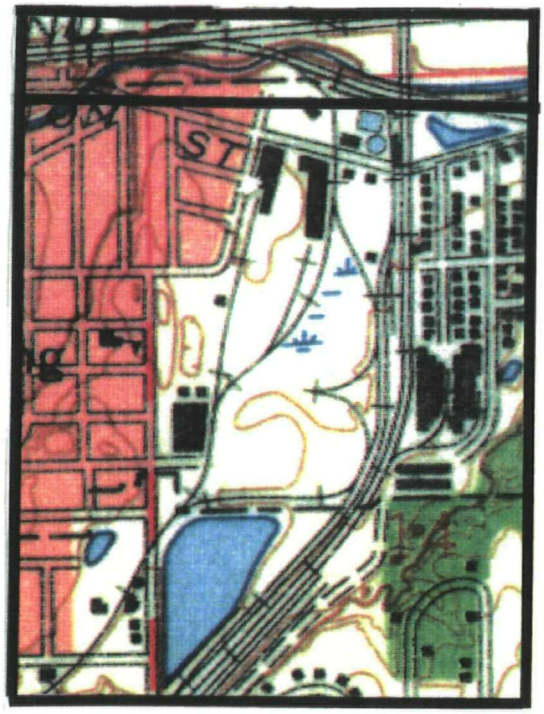
April, 1882. Revised 1912.



1923

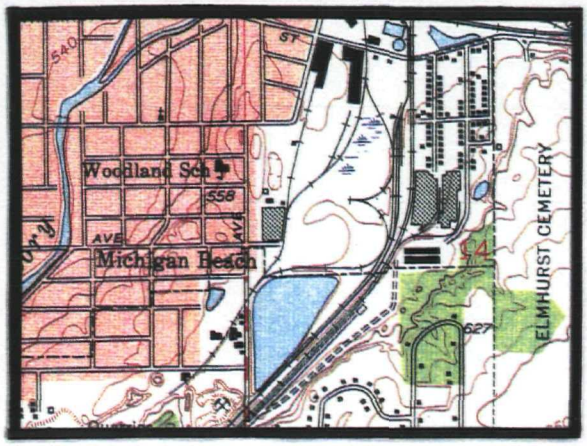


1923. Revised 1942.

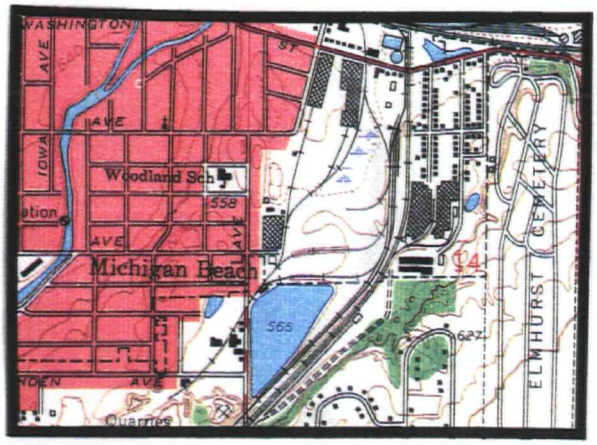


1954

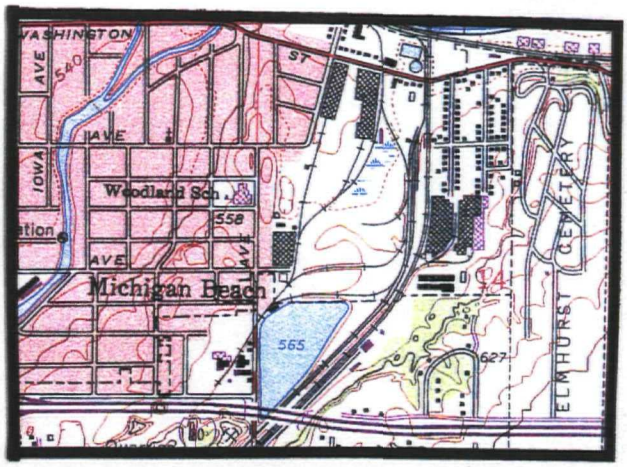
HISTORIC TOPOGRAPHICAL MAPS



USGS 1954



USGS 1962



USGS 1973

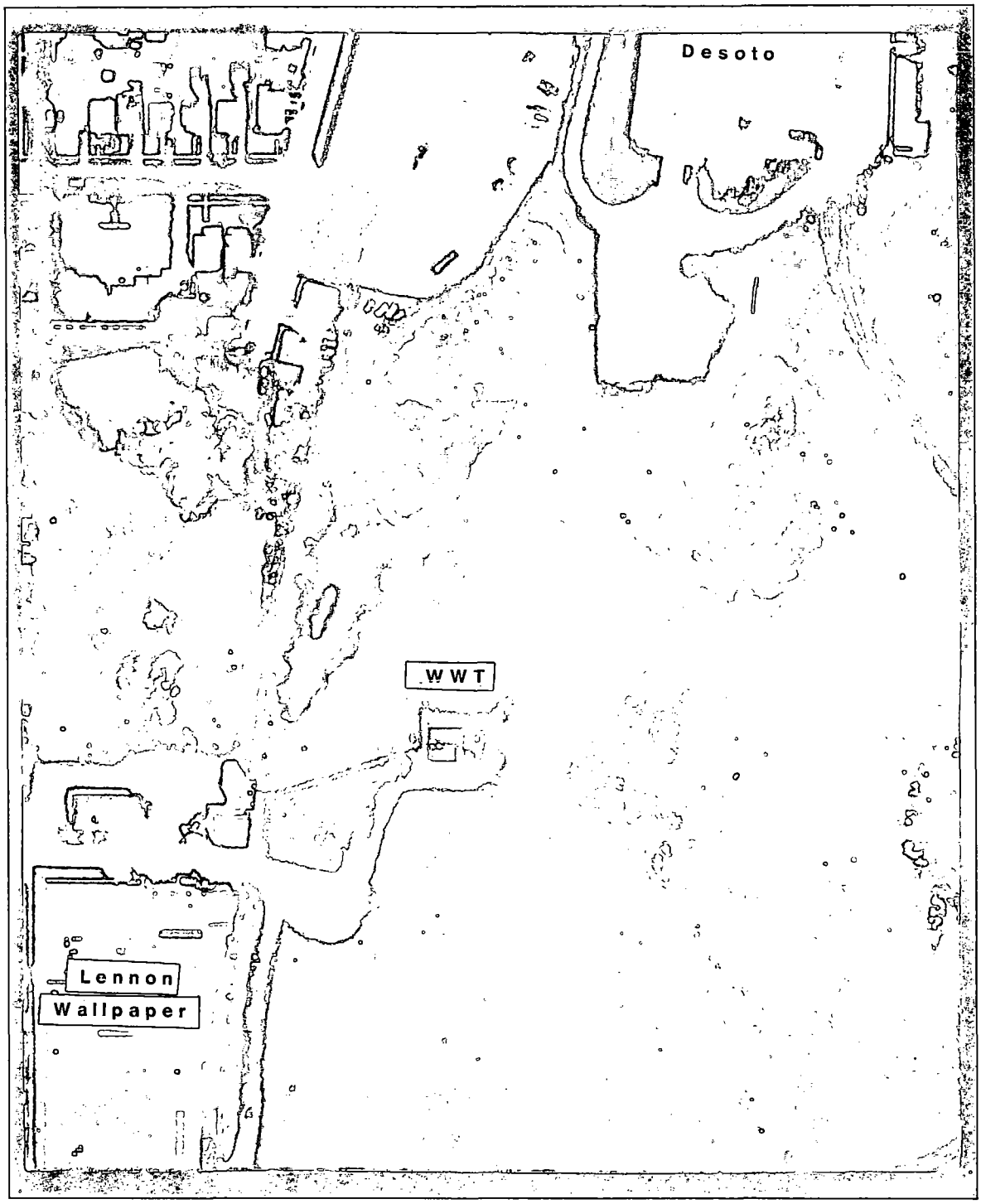
HISTORIC TOPOGRAPHICAL MAPS

Source: IEPA, 1992. Base Map: Illinois Department of Transportation, March, 1969.

Approximate Scale: 1:200'

Source: IEPA, 1992. Base Map: Illinois Department of Transportation, November, 1975.

Approximate Scale: 1:250'



Source: IEPA, 1992. Base Map: Illinois Department of Transportation, March, 1988.

Approximate Scale: 1:200'

APPENDIX G

WELL INFORMATION

INSTRUCTIONS TO DRILLERS

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 115 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 70 ft.
   c. Drilled ✓. Finished in Drift ____. In Rock ✓.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

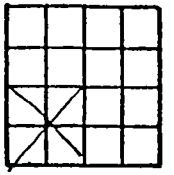
2. Distance to Nearest:
   Building 15 Ft. Seepage Tile Field 75
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Is water from this well to be used for human consumption?
   Yes ✓ No ____
4. Date well completed 1-2-74
5. Permanent Pump Installed? Yes ✓ No ____
   Manufacturer Weatherl Type Suction
   Capacity 10 gpm. Depth of setting 70 ft.
6. Well Top Sealed? Yes ✓ No ____
7. Pitless Adaptor Installed? Yes ✓ No ____
8. Well Disinfected? Yes ✓ No ____
9. Water Sample Submitted? Yes ____ No ✓

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner New Lenox Lumber Co. Well No. 6 & 10
    Address New Lenox, Ill.
    Driller Gilman License No. 100-42
11. Permit No. 26775 Date 11-28-73
12. Water from Lemont Formation 13. County Will
    at depth 70 to 115 ft. Sec. 14
    14. Screen: Diam. ____ in. Twp. 35N
    Length: ____ ft. Slot ____ Rge. 10E
    Elev. ____



SHOW LOCATION IN SECTION PLAT
Lot #1 Block 1
Fuller's Subd. SW

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black 15#	0	70

16. Size Hole below casing: ____ in.
17. Static level ____ ft. below casing top which is ____ ft. above ground level. Pumping level ____ ft. when pumping at ____ gpm for ____ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay & Gravel	0	70
Lemont	70	115

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED [signature] DATE 4-2-74

White Copy – Ill. Dept. of Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL / WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well:
   a. Dug____. Bored____. Hole Diam.____in. Depth____ft.
   Curb material____. Buried Slab: Yes____No____
   b. Driven____. Drive Pipe Diam.____in. Depth____ft.
   c. Drilled ✓. Finished in Drift____. In Rock ✓.
   Tubular____. Gravel Packed____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

2. Distance to Nearest:
   Building 50 Ft. Seepage Tile Field____
   Cess Pool____ Sewer (non Cast iron) 100
   Privy____ Sewer (Cast iron) 40
   Septic Tank____ Barnyard____
   Leaching Pit____ Manure Pile____
3. Is water from this well to be used for human consumption?
   Yes ✓ No____
4. Date well completed 11/3/21
5. Permanent Pump Installed? Yes ✓ No____
   Manufacturer Red Type Sub
   Capacity 15 gpm. Depth of setting 120 ft.
6. Well Top Sealed? Yes ✓ No____
7. Pitless Adaptor Installed? Yes ✓ No____
8. Well Disinfected? Yes ✓ No____
9. Water Sample Submitted? Yes____ No ✓

REMARKS:

IDPH 4.065
10/68

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Jack O. Hemler Well No.____
    Address 421 Oak View St Joliet
    Driller Fox & Sons License No. 82-1076
11. Permit No. 15232 Date 11/3/21
12. Water from Rock Formation 13. County Will
    at depth 40 to 180 ft. Sec. 14
14. Screen: Diam.____in. Twp. 35N
    Length:____ft. Slot____ Rge. 10E
    Elev.____

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
6	A-53 14.81 RB	0	40

SHOW LOCATION IN SECTION PLAT
Part N 2 acres
Lot 2, Elmhurst Acres
SE

16. Size Hole below casing: 6 in.
17. Static level 55 ft. below casing top which is 1 ft. above ground level. Pumping level 90 ft. when pumping at 12 gpm for 3 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
BLACK DIRT	3	3
YELLOW CLAY	17	20
BLUE CLAY	15	35
GRAVEL	5	40
ROCK	140	180

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Jerry Hall DATE 11/3/21

White Copy
Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS – DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 190 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled ✓. Finished in Drift _____. In Rock ✓.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

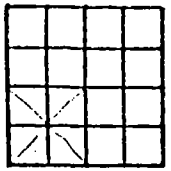
2. Distance to Nearest:
   Building 21 Ft. Seepage Tile Field 75
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50 Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes ✓ No _____
4. Date well completed 12-4-72
5. Permanent Pump Installed? Yes ✓ No _____
   Manufacturer Weldtod Type Subm.
   Capacity 600 gpm. Depth of setting 190 ft.
6. Well Top Sealed? Yes ✓ No _____
7. Pitless Adaptor Installed? Yes ✓ No _____
8. Well Disinfected? Yes _____ No ✓
9. Water Sample Submitted? Yes _____ No _____

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Mrs. Perico Well No. 261
    Address Joliet
    Driller Stenbergen License No. 72-92
11. Permit No. 20951 Date 11-14-72
12. Water from Limestone (Formation) 13. County Will
    at depth 0 to 40 ft.
    Sec. 14
    Twp. 35N
    Rge. 10E
    Elev. _____
14. Screen: Diam. _____ in.
    Length: _____ ft. Slot _____



15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black 15#	0	40

SHOW LOCATION IN SECTION PLAT
Lot 2 Elmhurst Acres Sub. SW

16. Size Hole below casing: _____ in.
17. Static level _____ ft. below casing top which is _____ ft. above ground level. Pumping level _____ ft. when pumping at _____ gpm for _____ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay & Gravel	0	40
Limestone	40	190

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Peter Rob DATE 12-20-72

Will DuPage Dist.

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 205 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

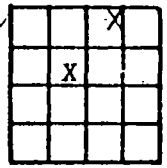
2. Distance to Nearest:
   Building 30 Ft. — Seepage Tile Field 75'
   Cess Pool ____ — Sewer (non Cast iron) ____
   Privy ____ — Sewer (Cast iron) ____
   Septic Tank 50' — Barnyard ____
   Leaching Pit ____ — Manure Pile ____
3. Well furnishes water for human consumption? Yes X No ____
4. Date well completed 9-5-86
5. Permanent Pump Installed? Yes ____ Date ____ No X
   Manufacturer ____ Type ____ Location ____
   Capacity ____ gpm. Depth of Setting ____ Ft.
6. Well Top Sealed? Yes X No ____ Type Vermin-Proof (Wms.)
7. Pitless Adapter Installed? Yes ____ No ____
   Manufacturer ____ Model Number ____
   How attached to casing? ____
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes ____ No ____
10. Pressure Tank Size ____ gal. Type ____
    Location ____
11. Water Sample Submitted? Yes ____ No X

REMARKS:

G.L. #39114

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Conrad Fris Well No. 1
    Address 211 Oakview; Joliet, IL
    Driller Charles Fykes License No. 102-23
11. Permit No. 126587 Date 9-5-86
12. Water from Limestone Formation
    at depth 18 to 205 ft.
13. County Will
    Sec. 14.3/4
    Twp. 35N
    Rge. 10E
    Elev. ____
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____



SHOW LOCATION IN SECTION PLAT
NE NW NE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs.	0	40

16. Size Hole below casing: 5 in.
17. Static level 40 ft. below casing top which is +1 ft. above ground level. Pumping level 85 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	14'	14'
Gravel	4'	18'
Limestone	187'	205'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED ____ DATE Sept. 11, 1986

IDPH 4.065
1/74 – KNB-1

White Copy –
Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 305 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 119 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

2. Distance to Nearest:
   Building 30 Ft. Seepage Tile Field 75'
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50' Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No_____
4. Date well completed 11-21-86
5. Permanent Pump Installed? Yes X No_____
   Manufacturer Webtrol Type Subm.
   Capacity 12 gpm. Depth of setting 240 ft.
6. Well Top Sealed? Yes X No_____
7. Pitless Adaptor Installed? Yes X No_____
8. Well Disinfected? Yes X No_____
9. Water Sample Submitted? Yes_____ No X

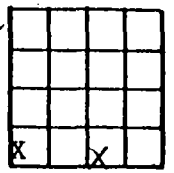
REMARKS:

Co # 29246

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Bob Blaesing Well No. 1
    Address 633 Oakview ; Joliet, IL
    Driller Charles Fykes License No. 102-23
11. Permit No. 128235 Date 11-21-86
12. Water from Limestone Formation 13. County Will
    at depth 295 to 305 ft.
14. Screen: Diam._____in.
    Length:_____ft. Slot _____
    Sec. 14 4a
    Twp. 35N
    Rge. 10E
    Elev._____



SHOW LOCATION IN SECTION PLAT

SW SW SE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs.	0	119

16. Size Hole below casing: 5 in.
17. Static level 100 ft. below casing top which is +1 ft. above ground level. Pumping level 240 ft. when pumping at 12 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	17'	17'
Limestone	273'	290'
Shale	5'	295'
Limestone	10'	305'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE ~~December 4, 1986~~

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUIRED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 100 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM: (Ft.)	TO (Ft.)
Cuttings		

2. Distance to Nearest:
   Building ____ Ft. — Seepage Tile Field 75
   Cess Pool ____ — Sewer (non Cast iron) ____
   Privy ____ — Sewer (Cast iron) ____
   Septic Tank 50 — Barnyard ____
   Leaching Pit ____ — Manure Pile ____
3. Well furnishes water for human consumption? Yes V No ____
4. Date well completed Nov. 21, 1977
5. Permanent Pump Installed? Yes X Date ____ No ____
   Manufacturer Barnes Type Deep Location Well
   Capacity 20 gpm Depth of Setting 84 ft.
6. Well Top Sealed? Yes X No ____ Type ____
7. Pitless Adapter Installed? Yes X No ____
   Manufacturer Marlinson Model Number ____
   How attached to casing? Bolted
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes X No ____
10. Pressure Tank Size 102 gal. Type glass
    Location Basement
11. Water Sample Submitted? Yes ____ No X

REMARKS:

Owner instructed to do so.

IDPH 4.065
1/74 – KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Fulton Biddle Well No. ____
    Address 1307 Old New Lenox Rd. Joliet
    Driller K&B Paul License No. 102-87
11. Permit No. 70417 Date Dec. 23, 1977
12. Water from Rock Formation 13. County Will
    at depth 35 to 100 ft.
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____
    Sec. 14.46
    Twp. 35N
    Rge. 10E
    Elev. ____

SHOW LOCATION IN SECTION PLAT
nw sw SE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	Blk wt 15lb	0	42

16. Size Hole below casing: 5 in.
17. Static level 35 ft. below casing top which is 1 ft. above ground level. Pumping level 84 ft. when pumping at 20 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Overburden	0	42
Rock formation	42	100

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Paul Knerim DATE 1-5-78

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 245 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

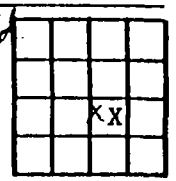
2. Distance to Nearest:
   Building 35 Ft. Seepage Tile Field 75'
   Cess Pool ____ Sewer (non Cast Iron) ____
   Privy ____ Sewer (Cast Iron) ____
   Septic Tank 50' Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Is water from this well to be used for human consumption?
   Yes X No ____
4. Date well completed 7-9-77
5. Permanent Pump Installed? Yes X No ____
   Manufacturer Barnes Type Submersible
   Capacity 10 gpm. Depth of setting 140 ft.
6. Well Top Sealed? Yes X No ____
7. Pitless Adaptor Installed? Yes X No ____
8. Well Disinfected? Yes X No ____
9. Water Sample Submitted? Yes ____ No X

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner William Buccarelli Well No. 1
    Address Oakview Ave. - Joliet
    Driller Charles Fykes License No. 102-23
11. Permit No. 61581 Date 6-3-77
12. Water from Limestone (Formation)
    at depth 40 to 245 ft.
13. County Will
    Sec. 14
    Twp. 35N
    Rge. 10E
    Elev. ____



SHOW LOCATION IN SECTION PLAT

14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____
15. Casing and Liner Pipe

Diam. (In.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs.	0	40'

16. Size Hole below casing: 5 in.
17. Static level 120 ft. below casing top which is +1 ft. above ground level. Pumping level ____ ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	40'	40'
Limestone	205'	245'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE April 4, 1979

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 165 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

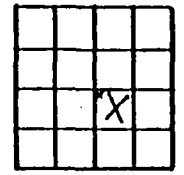
2. Distance to Nearest:
   Building 25 Ft. Seepage Tile Field 75'
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50' Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No _____
4. Date well completed 6-26-79
5. Permanent Pump Installed? Yes X No _____
   Manufacturer Barnes Type Submersible
   Capacity 12 gpm. Depth of setting 120 ft.
6. Well Top Sealed? Yes X No _____
7. Pitless Adaptor Installed? Yes X No _____
8. Well Disinfected? Yes X No _____
9. Water Sample Submitted? Yes _____ No X

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Alvin Randolf Well No. 1
    Address 607 Oakview, Joliet, Ill.
    Driller Charles Fykes License No. 23
11. Permit No. 36841 Date 6-18-79
12. Water from Limestone Formation 13. County Will
    at depth 40 to 165 ft. Sec. 14 NW
14. Screen: Diam. _____ in. Twp. 35N
    Length: _____ ft. Slot _____ Rge. 10E
    Elev. _____



SHOW LOCATION IN SECTION PLAT
NW NW SE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Schedule 40 PVC	0	40
	1120-NSF 2.87 #		

16. Size Hole below casing: 5 in.
17. Static level 50 ft. below casing top which is +1 ft. above ground level. Pumping level 80 ft. when pumping at 12 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	40	40
Limestone	125	165

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 1-14-80

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 145 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 42 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cement	-5'	42

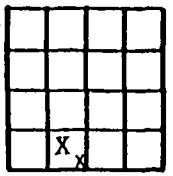
2. Distance to Nearest:
   Building 30 Ft. Seepage Tile Field 75'
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50' Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No_____
4. Date well completed 12-18-75
5. Permanent Pump Installed? Yes X No_____
   Manufacturer Barnes Type Submersible
   Capacity 10 gpm. Depth of setting 100 ft.
6. Well Top Sealed? Yes X No_____
7. Pitless Adaptor Installed? Yes X No_____
8. Well Disinfected? Yes _____ No X
9. Water Sample Submitted? Yes _____ No_____

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Bill Holmes Well No. 1
    Address Louis Joliet Hills Subd. - Lot #4
    Driller Charles Fykes License No. 102-23
11. Permit No. 43596 Date 12-5-75
12. Water from Limestone Formation
    at depth 18 to 145 ft.
13. County Will
    Sec. 14.5a
    Twp. 35N
    Rge. 10E
    Elev. _____



14. Screen: Diam._____ in.
    Length: _____ ft. Slot _____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs.	0	42

SHOW LOCATION IN SECTION PLAT
SE SE SW

16. Size Hole below casing: 5 in.
17. Static level 80 ft. below casing top which is +1 ft. above ground level. Pumping level 80 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay and Gravel	18'	18'
Limestone	127'	145'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 9-21-79

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 150 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cement	-5'	40

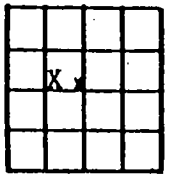
2. Distance to Nearest:
   Building 30 Ft. Seepage Tile Field 75'
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50' Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No _____
4. Date well completed 4-27-76
5. Permanent Pump Installed? Yes X No _____
   Manufacturer Barnes Type Submersible
   Capacity 10 gpm. Depth of setting 100 ft.
6. Well Top Sealed? Yes X No _____
7. Pitless Adaptor Installed? Yes X No _____
8. Well Disinfected? Yes X No _____
9. Water Sample Submitted? Yes _____ No X

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Don Giacomi Well No. 1
    Address Lot #16 - Adella & I-80
    Driller Charles Fykes License No. 102-23
11. Permit No. 45201 Date 3-9-76
12. Water from Limestone Formation 13. County Will
    at depth 23 to 150 ft.
14. Screen: Diam. _____ in.
    Length: _____ ft. Slot _____
    Sec. 14.5c
    Twp. 35N
    Rge. 10E
    Elev. _____



SHOW LOCATION IN SECTION PLAT
SE SE NW

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5'	A-53 15 lbs.	0	40

16. Size Hole below casing: 5 in.
17. Static level 80 ft. below casing top which is +1 ft. above ground level. Pumping level 80 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	23'	23'
Limestone	127'	150'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 9-20-79

White Copy — Ill. Dept. of Public Health Yellow Copy — Well Contractor Blue Copy — Well Owner

I "ICTIONS TO DRILLERS

FILL IN ALL PERTINENT INFO...ATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 160 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cuttings		

2. Distance to Nearest:
   Building ____ Ft. Seepage Tile Field 75
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Well furnishes water for human consumption? Yes X No ____
4. Date well completed 12-11-74
5. Permanent Pump Installed? Yes X Date 12-12-75 No ____
   Manufacturer Barnes Type Sub Location well
   Capacity 20 gpm. Depth of Setting 60 Ft.
6. Well Top Sealed? Yes X No ____ Type ____
7. Pitless Adapter Installed? Yes X No ____
   Manufacturer Martinson Model Number ____
   How attached to casing? Bolted
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes X No ____
10. Pressure Tank Size 42 gal. Type Galv.
    Location Basement
11. Water Sample Submitted? Yes ____ No X

REMARKS:

Owner instructed to Do so

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Jones Young Well No. ____
    Address [illegible] St Joliet
    Driller K+K Paul License No. 102-29
11. Permit No. 30609 Date 6-18-74
12. Water from Rock (Formation) 13. County Will
    at depth 25 to 160 ft.
    Sec. 14
    Twp. 35N
    Rge. 10E
    Elev. ____
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Blk 15lb.	0	45

SHOW LOCATION IN SECTION PLAT

Joliet Hills Subd.
NW SE SW

16. Size Hole below casing: 5 in.
17. Static level 25 ft. below casing top which is 1 ft. above ground level. Pumping level 60 ft. when pumping at 20 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Overburden	0	45
Rock formation	45	160

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Paul Knierum DATE 4/1/75

IDPH 4.065
1/74 — KNB-1
(59571—12 M Sets—6-74)

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 120 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
cuttings		

2. Distance to Nearest:
   Building ____ Ft. Seepage Tile Field 75
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Well furnishes water for human consumption? Yes X No ____
4. Date well completed 4-17-75
5. Permanent Pump Installed? Yes X Date 7-20-75 No ____
   Manufacturer STA RITE Type SUBM Location Well
   Capacity 20 gpm. Depth of Setting 60 Ft.
6. Well Top Sealed? Yes X No ____ Type ____
7. Pitless Adapter Installed? Yes X No ____
   Manufacturer Bluthoen Model Number ____
   How attached to casing? Bolted
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes X No ____
10. Pressure Tank Size 42 gal. Type GAW
    Location Basement
11. Water Sample Submitted? Yes ____ No X

REMARKS:
Owner Instructed To do so

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Robert Dillon Well No. ____
    Address 811 Oak View Terrace Rd Joliet Ill.
    Driller R & K Well Drilling License No. 102-29
11. Permit No. 36858 Date 4-7-75
12. Water from Limestone Formation 13. County Will
    at depth 20 to 120 ft. Sec. 14 1/4
14. Screen: Diam. ____ in. Twp. 35N
    Length: ____ ft. Slot ____ Rge. 10E
    Elev. ____

SHOW LOCATION IN SECTION PLAT
SE SW SW

15. Casing and Liner Pipe

Diam. (In.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black 15lb	0	41

16. Size Hole below casing: 5 in.
17. Static level 20 ft. below casing top which is 1 ft. above ground level. Pumping level 60 ft. when pumping at 20 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Overburden	0	41
Rock Formation	41	120

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Paul Krisun DATE June 18, 1975

IDPH 4.065
1/74 – KNB-1
(59571 - 121 M Sets - 6-74)

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 120 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cement	0'	40'

2. Distance to Nearest:
   Building 30 Ft. Seepage Tile Field 25
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Is water from this well to be used for human consumption?
   Yes X No ____
4. Date well completed 11/28/73
5. Permanent Pump Installed? Yes X No ____
   Manufacturer's Name Pumpco Type Submersible
   Capacity 10 gpm. Depth of setting 84 ft.
6. Well Top Sealed? Yes ____ No ____ Williamson Vermin Proof
7. Pitless Adaptor Installed? Yes X No ____ Clamped to casing by compression gasket connection
8. Well Disinfected? Yes X No ____
9. Water Sample Submitted? Yes ____ No X

REMARKS:

IDPH 4.065
10-72
KHS-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Richard Well No. 1
    Address 201 Bath Street
    Driller Charles Lyles License No. 85
11. Permit No. 34941 Date 11/26/73
12. Water from Limestone 13. County Will
    at depth 96 Formation to 120 ft.
    Sec. 14 80
    Twp. 35N
    Rge. 10E
    Elev. ____
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____

X			

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5 11	A-53 15.15.65	0'	40

SHOW LOCATION IN SECTION PLAT
Lot 16 in McIntosh Subd, SW SW SW

16. Size Hole below casing: 5 in.
17. Static level 70 ft. below casing top which is 71 ft. above ground level. Pumping level 70 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	12'	12'
Shale	14'	26'
Limestone	94'	120'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Lyles DATE 4-11-74

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 125 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 44 ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

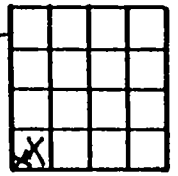
2. Distance to Nearest:
   Building 25 Ft. Seepage Tile Field 75'
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50' Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Is water from this well to be used for human consumption?
   Yes X No ____
4. Date well completed 11-2-76
5. Permanent Pump Installed? Yes X No ____
   Manufacturer Barnes Type Submersible
   Capacity 12 gpm. Depth of setting 80 ft.
6. Well Top Sealed? Yes X No ____
7. Pitless Adaptor Installed? Yes X No ____
8. Well Disinfected? Yes X No ____
9. Water Sample Submitted? Yes ____ No X

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner David Haux Well No. 1
    Address 712 Rowell Ave. Joliet, Ill.
    Driller Charles Fykes License No. 23
11. Permit No. 54097 Date 10-27-76
12. Water from Limestone (Formation) 13. County ____
    at depth 43 to 125 ft. Sec. 14, Sa
    14. Screen: Diam. ____ in. Twp. 35N
    Length: ____ ft. Slot ____ Rge. 10E
    Elev. ____



SHOW LOCATION IN SECTION PLAT
SWSWSW

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	A-53 15 lbs.	0	44

16. Size Hole below casing: 5 in.
17. Static level 60 ft. below casing top which is +1 ft. above ground level. Pumping level 78 ft. when pumping at 12 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	37	37
Sand	6	43
Limestone	82	125

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 11-28-79

Copy –
Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRU TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 6 in. Depth 220 ft.
   Curb material _____. Buried Slab: Yes____ No____
   b. Driven____. Drive Pipe Diam. ____in. Depth ____ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cuttings		

2. Distance to Nearest:
   Building ____ Ft. Seepage Tile Field 75
   Cess Pool ____ Sewer (non Cast Iron) ____
   Privy ____ Sewer (Cast Iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Well furnishes water for human consumption? Yes X No ____
4. Date well completed September 25, 1978
5. Permanent Pump Installed? Yes X Date ____ No ____
   Manufacturer Red Jacket Type Submersible Location Well
   Capacity 20 gpm. Depth of Setting 160 Ft.
6. Well Top Sealed? Yes X No ____ Type ____
7. Pitless Adapter Installed? Yes X No ____
   Manufacturer Mattingly Model Number ____
   How attached to casing? Buried
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes X No ____
10. Pressure Tank Size 82 gal. Type galv.
    Location Basement
11. Water Sample Submitted? Yes ____ No X

REMARKS:

Owner instructed to do so.

IDPH 4.065
1/74 – KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner L.T. Ferro Well No. ____
    Address 7005 Route 6 Joliet
    Driller K & K Phil License No. 10284
11. Permit No. 7719 Date September 9, 1978
12. Water from Rock Formation 13. County Will
    at depth 30 to 220 ft. Sec. 14 SW
    14. Screen: Diam. ____ in. Twp. 35N
    Length: ____ ft. Slot ____ Rge. 10E
    Elev. ____

SHOW LOCATION IN SECTION PLAT
NW SW SW

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
6"	Std 19 lbs	0	42

16. Size Hole below casing: 6 in.
17. Static level 30 ft. below casing top which is 1 ft. above ground level. Pumping level 160 ft. when pumping at 20 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Overburden	0	42
Rock Formation	42	220

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Phil Knueven DATE 10-4-78

White Copy - Ill. Dept. Public Health
Yellow Copy - Well Contractor
Blue Copy - Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 295 ft.
      Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. 5 in. Depth 42 ft.
   c. Drilled ✓. Finished in Drift ____. In Rock ✓.
      Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)

2. Distance to Nearest:
   Building 17 Ft. Seepage Tile Field 25
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Is water from this well to be used for human consumption?
   Yes ✓ No ____
4. Date well completed 4-11-73
5. Permanent Pump Installed? Yes ✓ No ____
   Manufacturer Wettrol Type Subm.
   Capacity 10 gpm. Depth of setting 295 ft.
6. Well Top Sealed? Yes ✓ No ____
7. Pitless Adaptor Installed? Yes ✓ No ____
8. Well Disinfected? Yes ✓ No ____
9. Water Sample Submitted? Yes ____ No ✓

REMARKS:

IDPH 4.065
10-72
KNS-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Bill Lakey Well No. 344
    Address Joliet
    Driller O. Hart License No. 92-92
11. Permit No. 21212 Date 12-6-72
12. Water from Limestone (Formation) at depth 42 to 295 ft.
13. County Will
    Sec. 15
    Twp. 35N
    Rge. 10E
    Elev. ____
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Black 15#	0	42

SHOW LOCATION IN SECTION PLAT

Block 34 Canal Trustee Subd. W/2

16. Size Hole below casing: ____ in.
17. Static level ____ ft. below casing top which is ____ ft. above ground level. Pumping level ____ ft. when pumping at ____ gpm for ____ hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay & Gravel	0	42
Limestone	42	295

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Peter Rob DATE 5-17-73

Will DuPage Dig.

White Co.
Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 285 ft.
   Curb material _____. Buried Slab: Yes_____ No_____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cemented	-5'	40

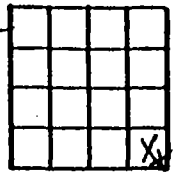
2. Distance to Nearest:
   Building 25 Ft. Seepage Tile Field 75'
   Cess Pool _____ Sewer (non Cast iron) _____
   Privy _____ Sewer (Cast iron) _____
   Septic Tank 50' Barnyard _____
   Leaching Pit _____ Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No_____
4. Date well completed 9-6-75
5. Permanent Pump Installed? Yes X No_____
   Manufacturer Barnes Type Submersible
   Capacity 12 gpm. Depth of setting 252' ft.
6. Well Top Sealed? Yes X No_____
7. Pitless Adaptor Installed? Yes X No_____
8. Well Disinfected? Yes X No_____
9. Water Sample Submitted? Yes_____ No X

REMARKS:

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Leonard French Well No. 1
    Address 515 Lehman St.
    Driller Charles Fykes License No. 23
11. Permit No. 40641 Date 8-28-75
12. Water from Limestone Formation at depth 12 to 285 ft.
13. County Iroquois
    Sec. 15 Twp. 35N Rge. 10E Elev. _____



SHOW LOCATION IN SECTION PLAT SESESE

14. Screen: Diam._____in.
    Length:_____ft. Slot_____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	A-53 15 lbs.	0	40

16. Size Hole below casing: 5 in.
17. Static level 15 ft. below casing top which is +1 ft. above ground level. Pumping level 200 ft. when pumping at 12 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	3	3
Gravel	9	12
Limestone	273	285

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 12-6-79

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam.____in. Depth____ft.
      Curb material____. Buried Slab: Yes____ No____
   b. Driven____. Drive Pipe Diam.____in. Depth____ft.
   c. Drilled ✓. Finished in Drift____. In Rock ✓.
      Tubular____. Gravel Packed____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Puddled Clay & Drillings	0	30

2. Distance to Nearest:
   Building 17 Ft. Seepage Tile Field 75
   Cess Pool — Sewer (non Cast Iron) —
   Privy — Sewer (Cast iron) —
   Septic Tank 50 Barnyard —
   Leaching Pit — Manure Pile —
3. Well furnishes water for human consumption? Yes ✓ No____
4. Date well completed 10-2-81
5. Permanent Pump Installed? Yes ✓ Date [illegible] No____
   Manufacturer Red Jacket Type Sub Location Well
   Capacity 10 gpm. Depth of Setting 120 Ft.
6. Well Top Sealed? Yes ✓ No____ Type Williams Cap
7. Pitless Adapter Installed? Yes ✓ No____
   Manufacturer Williams Model Number [illegible]
   How attached to casing?____
8. Well Disinfected? Yes ✓ No____
9. Pump and Equipment Disinfected? Yes ✓ No____
10. Pressure Tank Size 42 gal. Type [illegible]
    Location Basement
11. Water Sample Submitted? Yes____ No ✓

REMARKS:

IDPH 4.065
1/74 – KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner [illegible] Well No.____
    Address [illegible]
    Driller [illegible] License No. 102-44
11. Permit No. 101537 Date [illegible]
12. Water from [illegible] (Formation) at depth____ to 165 ft. 13. County Will
    Sec. 15 Twp. 35N Rge. 10E Elev.____
14. Screen: Diam.____in. Length:____ft. Slot____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Blk Stl 15#/ft	0	5[illegible]

SHOW LOCATION IN SECTION PLAT: SE SE SE

16. Size Hole below casing: 5 in.
17. Static level 15 ft. below casing top which is 1/2 ft. above ground level. Pumping level 120 ft. when pumping at 3 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	3	3
Clay (Brn)	2	5
Limestone	160	165

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

[illegible]
SIGNED [signature] DATE 10-5-81

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 220 ft.
   Curb material _____. Buried Slab: Yes____ No____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

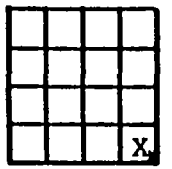
(KIND)	FROM (Ft.)	TO (Ft.)
Cement	-5'	40'

2. Distance to Nearest:
   Building 30 Ft. — Seepage Tile Field 75'
   Cess Pool _____ — Sewer (non Cast Iron) _____
   Privy _____ — Sewer (Cast Iron) _____
   Septic Tank 50' — Barnyard _____
   Leaching Pit _____ — Manure Pile _____
3. Well furnishes water for human consumption? Yes X No____
4. Date well completed 3-23-83
5. Permanent Pump Installed? Yes X Date 3-24-83 No____
   Manufacturer Webtrol Type Subm. Location Well
   Capacity 12 gpm. Depth of Setting 200 Ft.
6. Well Top Sealed? Yes X No____ Type Vermin-Proof (Wms.)
7. Pitless Adapter Installed? Yes X No____
   Manufacturer Williams Model Number 501-TC
   How attached to casing? Compression Gasket Connection
8. Well Disinfected? Yes X No____
9. Pump and Equipment Disinfected? Yes X No____
10. Pressure Tank Size 82 gal. Type #203 Well-X-Trol
    Location _____
11. Water Sample Submitted? Yes____ No X

REMARKS:

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Lindblad Const. Co. Well No. 1
    Address Rowell Ave., Joliet, IL
    Driller Charles Fykes License No. 23
11. Permit No. 106482 Date 3-16-83
12. Water from Limestone Formation 13. County Will
    at depth 40 to 220 ft.
14. Screen: Diam.____ in.
    Length:____ ft. Slot _____
    Sec. 15 1/4
    Twp. 35N
    Rge. 10E
    Elev. ____



SHOW LOCATION IN SECTION PLAT
SE SE SE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs.	0	40

16. Size Hole below casing: 5 in.
17. Static level 60 ft. below casing top which is +1 ft. above ground level. Pumping level 80 ft. when pumping at 12 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	2'	2'
Clay & Gravel	10'	12'
Limestone	208'	220'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Fykes DATE 4-18-83

IDPH 4.065
1/74 – KNB-1
(59571—12½M Sets—6-74)

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

[INSTRU]CTIONS TO DRILLERS

FILL IN ALL PERTINENT IN[FO]RMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

RECEIVED
NOV
DIV. OF ENGINEERING AND SANITATION

ILLINOIS DEPARTMENT OF PUBLIC HEALTH WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. ____ in. Depth ____ ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
   c. Drilled ✓. Finished in Drift ____. In Rock ✓.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Puddled Clay	0	30
& Drillings		

2. Distance to Nearest:
   Building 8 Ft. Seepage Tile Field 75
   Cess Pool — Sewer (non Cast iron) —
   Privy — Sewer (Cast iron) —
   Septic Tank 50 Barnyard —
   Leaching Pit — Manure Pile —
3. Well furnishes water for human consumption? Yes ✓ No ____
4. Date well completed 10-23-81
5. Permanent Pump Installed? Yes ✓ Date 10-24-81 No ____
   Manufacturer Red Jacket Type Sub. Location Well
   Capacity 10 gpm. Depth of Setting 85 Ft.
6. Well Top Sealed? Yes ✓ No ____ Type Williams Cap
7. Pitless Adapter Installed? Yes ✓ No ____
   Manufacturer Williams Model Number B5CAC
   How attached to casing? Inserted in hole in casing
8. Well Disinfected? Yes ✓ No ____
9. Pump and Equipment Disinfected? Yes ✓ No ____
10. Pressure Tank Size 42 gal. Type Well X Trol WX202
    Location Basement
11. Water Sample Submitted? Yes ____ No ✓

REMARKS:

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Joseph Vondric Well No. ____
    Address 42 W Lindon Ave
    Driller H. J. Eichholz License No. 102-4?
11. Permit No. 101640 Date 10-5-81
12. Water from Limestone (Formation) 13. County Will
    at depth ____ to 170 ft.
    Sec. 15 Twp. 35N Rge. 10E Elev. ____
14. Screen: Diam. ____ in.
    Length: ____ ft. Slot ____
15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Blk Steel 15#/ft	0	30

SHOW LOCATION IN SECTION PLAT
lot # 52 Block # 9
NW SE SE

16. Size Hole below casing: 5 in.
17. Static level 30 ft. below casing top which is 3/4 ft. above ground level. Pumping level 60 ft. when pumping at 8 gpm for 5 hours.

18.

FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	2	2
Clay & Gravel	4	6
Limestone	164	170

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED H. J. Eichholz DATE 10-26-81

Theo A. Dreher

IDPH 4.065
1/74 – KNB-1

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, BUREAU OF ENVIRONMENTAL HEALTH, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62701. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam 5 in. Depth 265 ft.
   Curb material _____. Buried Slab: Yes____ No____
   b. Driven____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift____. In Rock X.
   Tubular____. Gravel Packed____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Concrete	+1'	40'

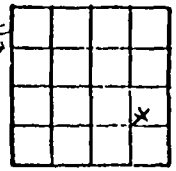
2. Distance to Nearest:
   Building 90 Ft. Seepage Tile Field 25
   Cess Pool____ Sewer (non Cast iron)____
   Privy____ Sewer (Cast iron)____
   Septic Tank 50 Barnyard____
   Leaching Pit____ Manure Pile____
3. Is water from this well to be used for human consumption?
   Yes X No____
4. Date well completed 6-11-72
5. Permanent Pump Installed? Yes X No____
   Manufacturer Barnes Type Submersible
   Capacity 10 gpm. Depth of setting 180 ft.
6. Well Top Sealed? Yes X No____ Williams Vermin Proof seal
7. Pitless Adaptor Installed? Yes X No____ Will be attached to casing by compression gasket connection
8. Well Disinfected? Yes X No____
9. Water Sample Submitted? Yes____ No X

REMARKS: 42 gal galv. pressure tank located in house

IDPH 4.065
10-72
KNB-1

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner James Turner Well No 1
    Address 1605 Linden Ave Joliet
    Driller Charles Fypes License No.____
11. Permit No. 30548 Date 6-11-72
12. Water from Limestone Formation 13. County Will
    at depth 40 to 265 ft. Sec. 15
    14. Screen: Diam.____ in. Twp. 35N
    Length:____ ft. Slot____ Rge. 10E
    Elev.____



15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15 lbs	0'	40'

SHOW LOCATION IN SECTION PLAT
Lot #9 Homestead James Subd. SW NE

16. Size Hole below casing: 5 in.
17. Static level 160 ft. below casing top which is +1 ft. above ground level. Pumping level 160 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Clay	5'	5'
Limestone	260	265

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED [signature] DATE 6-11-72

Cockpont Well & Pump

White Copy – Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, CONSUMER HEALTH PROTECTION, 535 WEST JEFFERSON, SPRINGFIELD, ILLINOIS, 62761. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug ____. Bored ____. Hole Diam. 5 in. Depth 240 ft.
   Curb material ____. Buried Slab: Yes ____ No ____
   b. Driven ____. Drive Pipe Diam. ____ in. Depth ____ ft.
   c. Drilled X. Finished in Drift ____. In Rock X.
   Tubular ____. Gravel Packed ____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cuttings		75 ft

2. Distance to Nearest:
   Building ____ Ft. Seepage Tile Field 75
   Cess Pool ____ Sewer (non Cast iron) ____
   Privy ____ Sewer (Cast iron) ____
   Septic Tank 50 Barnyard ____
   Leaching Pit ____ Manure Pile ____
3. Well furnishes water for human consumption? Yes X No ____
4. Date well completed May 2-75
5. Permanent Pump Installed? Yes X Date May 4-75 No ____
   Manufacturer Gaines Type Sub Location Well
   Capacity 20 gpm. Depth of Setting 105 Ft.
6. Well Top Sealed? Yes X No ____ Type ____
7. Pitless Adapter Installed? Yes X No ____
   Manufacturer Baker Model Number ____
   How attached to casing? Bolted
8. Well Disinfected? Yes X No ____
9. Pump and Equipment Disinfected? Yes X No ____
10. Pressure Tank Size 42 gal. Type galv
   Location Basement
11. Water Sample Submitted? Yes ____ No X

REMARKS:

Owner instructed to do so.

IDPH 4.065
1/74 – KNB-1
(59571 --12¹⁄₂M Sets—6-74) 5

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Laurel Hughes Well No. ____
    Address 716 Summit Joliet Il
    Driller K.R. License No. 102-29
11. Permit No. 27369 Date April 30-75
12. Water from Rock (Formation) 13. County Will
    at depth 50 to 240 ft. Sec. 15-26
    Twp. 35N
14. Screen: Diam. ____ in. Rge. 10E
    Length: ____ ft. Slot ____ Elev. ____

SHOW LOCATION IN SECTION PLAT

NE SW SE

15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5	Blk 15 lbs	0	40

16. Size Hole below casing: 5 in.
17. Static level 50 ft. below casing top which is 2 ft. above ground level. Pumping level 105 ft. when pumping at 20 gpm for 4 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Overburden	0	40
Rock formation	40	240

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Carl Kneme DATE 5-19-75

White — Ill. Dept. of Public Health
Yellow Copy – Well Contractor
Blue Copy – Well Owner

INSTRUCTIONS TO DRILLERS

FILL IN ALL PERTINENT INFORMATION REQUESTED AND MAIL ORIGINAL TO STATE DEPARTMENT OF PUBLIC HEALTH, ROOM 616, STATE OFFICE BUILDING, SPRINGFIELD, ILLINOIS, 62706. DO NOT DETACH GEOLOGICAL/WATER SURVEYS SECTION. BE SURE TO PROVIDE PROPER WELL LOCATION.

ILLINOIS DEPARTMENT OF PUBLIC HEALTH
WELL CONSTRUCTION REPORT

1. Type of Well
   a. Dug____. Bored____. Hole Diam. 5 in. Depth 285 ft.
   Curb material _____. Buried Slab: Yes____ No____
   b. Driven _____. Drive Pipe Diam. 5 in. Depth 40 ft.
   c. Drilled X. Finished in Drift _____. In Rock X.
   Tubular _____. Gravel Packed _____.
   d. Grout:

(KIND)	FROM (Ft.)	TO (Ft.)
Cement	4'	40'

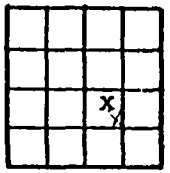
2. Distance to Nearest:
   Building 20 Ft. — Seepage Tile Field 75'
   Cess Pool _____ — Sewer (non Cast iron) _____
   Privy _____ — Sewer (Cast iron) _____
   Septic Tank 50' — Barnyard _____
   Leaching Pit _____ — Manure Pile _____
3. Is water from this well to be used for human consumption?
   Yes X No _____
4. Date well completed 8-15-72
5. Permanent Pump Installed? Yes X No _____
   Manufacturer Barnes Type Submersible
   Capacity 10 gpm. Depth of setting 210 ft.
6. Well Top Sealed? Yes X No _____
7. Pitless Adaptor Installed? Yes X No _____
8. Well Disinfected? Yes X No _____
9. Water Sample Submitted? Yes _____ No X

REMARKS:

IDPH 4.065
10/68

GEOLOGICAL AND WATER SURVEYS WELL RECORD

10. Property owner Leo Melhorn Well No. 1
    Address 403 Linden Ave. - Joliet
    Driller Lockport Well & Pump License No. 180
11. Permit No. 19499 Date 8-16-72
12. Water from Limestone (Formation) 13. County Will
    at depth 40 to 285 ft.
    Sec. 15 SC
    Twp. 35N
    Rge. 10E
    Elev. _____
14. Screen: Diam. _____ in.
    Length: _____ ft. Slot _____



15. Casing and Liner Pipe

Diam. (in.)	Kind and Weight	From (Ft.)	To (Ft.)
5"	A-53 15lbs.	0'	40'

SHOW LOCATION IN SECTION PLAT
SE NW SE

16. Size Hole below casing: 5 in.
17. Static level 60 ft. below casing top which is +1 ft. above ground level. Pumping level 60 ft. when pumping at 10 gpm for 1 hours.

18. FORMATIONS PASSED THROUGH	THICKNESS	DEPTH OF BOTTOM
Top Soil	1'	1'
Clay	3'	4'
Limestone	281'	285'

(CONTINUE ON SEPARATE SHEET IF NECESSARY)

SIGNED Charles Taylor DATE 8-21-72

APPENDIX H

OWNERSHIP INFORMATION

Tri County Title
1100 Plainfield Rd.
Joliet, IL 60435
(815) 723-2100

August 1, 1990

Illinois Environmental Protection Agency
Attn: Michael McCabe
P.O. Box 19276
Springfield, Il. 62794-9276

Re: Lennon Wallpaper Co. Property
807 4th Ave., Joliet,Il.

Dear Mr. McCabe,

Enclosed please find the Tract Search and Chain of Title for the above mentioned property. It took our searcher all day to complete the enclosed information. The Will County Recorder's Office is not very modern and as a result of all of these various properties making up what Lennon Wallpaper owned, it took our Searcher much longer to "pull it all together."

In any case, I hope this information is helpful and if there is any further service you may need, please contact me. Thank you.

Sincerely,

Richard D. Dow
Senior Title Officer

RDD;sd

Tri County Title
1100 Plainfield Rd.
Joliet, IL 60435
(815) 723-2100

CHAIN OF TITLE

Effective Date: July 19, 1990

Date	Grantor	Grantee	PIN
/23/24	Vincent De Cecco	Lennon Wallpaper Co.	07-14-110-007
/18/42	Alton RR Co.	"	07-14-300-008
/10/44	Marco & Lily F. Youvan	"	07-14-300-008
/14/44	National Refining Co.	"	07-14-108-021
/14/44	"	"	07-14-108-021
0/3/44	Socony-Vacuum Oil Co.	"	07-14-108-021
/26/58	Eugene M. & Jane V. Lennon	"	07-14-108-020
/13/70	Dominic A. & Johanna J. Vella	"	07-14-110-001
/26/76	Ann Franke	"	07-14-108-024
0/10/80	Edith Erickson	"	07-14-108-014
/31/81	Lennon Wallpaper Co.	Thomas Industries	all of the above
/22/90	Lennon Wallpaper Co.n/k/a Thomas Industries	Doug Silverman	07-14-110-001 07-14-110-007 07-14-108-014 & part of 07-14-300-008
/26/90	Option Agreement from Lennon Wallpaper Co. to Doug Silverman to purchase the balance of the property as shown by their respective PINS.		07-14-108-021 07-14-108-020 07-14-108-024 & remainder of 07-14-300-008

LEGAL DESCRIPTION

Without a survey, we are including the legal descriptions from the Deed from Lennon Wallpaper Co. to Thomas Industries, shown as exhibit A; from the Deed from Thomas Industries to Silverman, shown as exhibit B; and finally the balance of the property as provided in the option between Thomas Industries & Silverman, shown as exhibit C.

JUDGEMENTS AND LIENS

Claim of Lien recorded February 23, 1990 by the City of Joliet against the subject property (07-14-110-007) in the amount of $844.31.

Memorandum of judgement filed June 1, 1990, CNA Insurance CO. vs. Doug Silverman in the amount of $16,358.00

No mortgages

Tri County Title
1100 Plainfield Rd.
Joliet, IL 60435
(815) 723-2100

TAX INFORMATION: General Real Estate Taxes for the year 1989 as shown below.
General Real Estate Taxes for the year 1990 are not yet due.

07-14-110-001

1st Installment of the 1989 taxes in the amount of $248.89 is delinquent.
2nd Installment of the 1989 taxes in the amount of $248.89 is due September 4, 1990.

07-14-110-007

1st Installment of the 1989 taxes in the amount of $6,507.26 is delinguent.
2nd Installment of the 1989 taxes in the amount of $6,507.26 is due September 4, 1990.

07-14-108-020

1st Installment of the 1989 taxes in the amount of $454.07 is delinquent.
2nd Installment of the 1989 taxes in the amount of $454.07 is due September 4, 1990.

07-14-108-021

1st Installment of the 1989 taxes in the amount of $1,556.74 is delinquent.
2nd Installment of the 1989 taxes in the amount of $1,556.74 is due September 4, 1990

07-14-108-024

1st Installment of the 1989 taxes in the amount of $294.17 is delinquent.
2nd Installment of the 1989 taxes in the amount of $294.17 is due September 4, 1990.

07-14-108-014

1st Installment of the 1989 taxes in the amount of $161.98 is delinquent
2nd Installment of the 1989 taxes in the amount of $161.98 is due September 4, 1990.

07-14-300-008

1st Installment of the 1989 taxes in the amount of $3,435.34 is delinquent.
2nd Installment of the 1989 taxes in the amount of $3,435.34 is due September 4, 199

EXHIBIT B - LEGAL DESCRIPTION OF PREMISES

PARCEL I:

A part of the North West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: commencing at a point on the East line of Douglas and Kraker's Subdivision a part of said North West 1/4 projected South to a point 25 feet North of the Southline of said North West 1/4, run thence North on said East line 385.8 feet to the South line of Grant Avenue, thence East along the South line of Grant Avenue to a point 7 feet West of the West rail of a switch track belonging to the Joliet and Northern Indiana Railroad Company, thence Southwesterly on a line parallel with and 7 feet West of said West rail to a point 25 feet North of the South line of said North West 1/4, thence West to the point of beginning.

PARCEL II:

Lots 1 and 2 in Block 1, of Douglas and Krakar's Subdivision, a part of the South West 1/4 of the North West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded November 25, 1904, in Plat Book 15, Page 19, as Document No. 230248.

PARCEL III:

Lots 7 and 8 in Douglas and Krakar's Subdivision of part of the South West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded September 13, 1920, in Plat Book 12, Page 74, as Document No. 329873, and that part of the South West 1/4 of Section 14 in said Township and Range, confined within the following described tract: Beginning at a point in the South line of Fourth Avenue projected East, that is, 256.5 feet East and 25 feet South of the North West corner of said South West 1/4 of Section 14, thence East along the South line of Fourth Avenue, 120.84 feet to a point in the South line of Fourth Avenue, projected East, thence Southwesterly along a line 158.65 feet to a point, thence Westerly 38.5 feet to a point, thence Southwesterly on a curve toward the West which has a radius of 1171.28 feet, 48.12 feet to a point, thence Southwesterly in a direct line 130.23 feet to a point in the West line of said Lot 7, projected South, that is, 298.4 feet South of the North West corner of said Lot 7, thence North along the West line of said Lot 7 projected South, 90.38 feet to a point, that is, 208.02 feet South of the North West corner of said Lot 7, thence Northeasterly in a direct line 39.86 feet to a point, which is 174.54 feet South of the South line of said Fourth Avenue measured parallel with the West line of said Lot 7, thence Northeasterly along a curve to the West having a radius of 1121.28 feet to the

point where said curve intersects the East line of said Lot 8, thence North in a direct line along the East line of said Lot 8 to the point of beginning.

PARCEL IV:

Lot 25 in Block 3, in Rowell's Subdivision of part of the West 1/2 of the North West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded May 11, 1886, in Plat Book 5, Page 52, as Document No. 139704, all in Will County, Illinois.

PARCEL V:

That part of the South West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: commencing at the North West Corner of said South West 1/4, thence East along the North Line of said South West 1/4 of the Centerline of Fourth Avenue, 175.0 feet, thence South along the West line of Lot 7 projected in Douglas and Krakar's Subdivision of part of said South West 1/4 of said Section 14, 323.40 feet to the Southerly and Easterly right of way line of the Alton Railroad Company's old switch track, which is the point of beginning, thence Northeasterly along a direct line of the said southerly and easterly right of way line of said railroad, 130.23 feet to a point, thence northeasterly on said right of way line along a curve to the West, having a radius of 1171.28 feet, 48.12 feet to as point; thence Easterly 38.5 feet to a point, thence Southwesterly along a direct line to the point of beginning.

R81-07990

EXHIBIT "A"

PARCEL 1 - Tax Code 07-14-110-007

A part of the Northwest quarter of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: Commencing at a point on the East line of Douglas and Krakar's Subdivision of part of said Northwest quarter projected South to a point 25 feet North of the South line of said Northwest quarter, running thence North on said East line 385.8 feet to the South line of Grant Avenue thence East along the South line of Grant Avenue to a point 7 feet West of West rail of a switch track belonging to the Joliet and Northern Indiana Railroad Company, thence Southwesterly on a line parallel with and 7 feet West of said West rail to a point 25 feet North of the South line of said Northwest quarter, thence West to the point of beginning, in Will County, Illinois.

PARCEL 2 - Tax Code 07-14-110-001

Lots 1 and 2, Block 1 of Douglas and Krakar's Subdivision of part of the Southwest quarter of the Northwest quarter of Section 14, Township 35 North, Range 10 East of the 3rd Principal Meridian in Will County, Illinois.

PARCEL 3 - Tax Code 07-14-108-021

One acre of land in Lot 11, in the County Clerk's Subdivision of part of the West half of the Northwest quarter of Section 14, and the Northeast quarter of the Northeast quarter of Section 15, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: Beginning at the Southeast corner of Lot 25 in Block 3 of M.E. Rowell's Subdivision of part of the said West half of Northwest quarter of said Section 14, thence East 283.9 feet to the Westerly line of the Railway easement for the joint railway tracks upon the West half of the Northwest quarter of said Section 14, the same being 10 feet Westerly from the center line of said Railroad tracks, thence North along the Westerly line of said easement far enough Northward to include one acre of land, thence West to a point in the East line of Lot 21 in Block 3 in M.E. Rowell's Subdivision, aforesaid, thence South to the point of beginning, in Will County, Illinois.

PARCEL 4 - Tax Code 07-14-108-020

Lots 19 to 22 inclusive in Industrial Subdivision of part of the West half of the Northwest quarter of Section 14, Township 35 North, Range 10 East of the 3rd Principal Meridian in Will County, Illinois.

PARCEL 5 - Tax Code 07-14-108-024

Lots 11, 12, 16 and 17 in Industrial Subdivision of part of the West half of the Northwest quarter of Section 14, Township 35 North, Range 10 East of the 3rd Principal Meridian in Will County, Illinois.

PARCEL 6 - Tax Code 07-14-300-008

PARCEL I:
Lots 7 and 8 in Douglas and Krakar's Subdivision of part of the Southwest quarter of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the Plat thereof recorded September 13, 1920, in Plat Book 12, page 74, as Doc. 329873, and that part of the Southwest quarter of Section 14 in said Township and Range, confined within the following described tract; Beginning at a point in the South line of Fourth Avenue projected East, that is, 256.5 feet East and 25 feet South of the Northwest corner of said Southwest quarter of Section 14, thence East along the South line of Fourth Avenue, 120.84 feet to a point in the South line of Fourth Avenue, projected East, thence Southwesterly along a line 158.65 feet to a point, thence Westerly 38.5 feet to a point, thence Southwesterly on a curve toward the West which has a radius of 1171.28 feet, 48.12 feet to a point, thence Southwesterly in a direct line 130.23 feet to a point in the West line of said Lot 7, projected South, that is 298.4 feet South of the Northwest corner of said Lot 7, thence North along the West line of said Lot 7 projected South, 90.38 feet to a point, that is, 208.02 feet South of the Northwest corner of said Lot 7, thence Northeasterly in a direct line 39.86 feet to a point, which is 174.54 feet South of the South line of said Fourth Avenue measured parallel with the West line of said Lot 7, thence Northeasterly along a curve to the West having a radius of 1121.28 feet to the point where said curve intersects the East line of said Lot 8, thence North in a direct line along the East line of said Lot 8 to the point of beginning, in Will County, Illinois.

PARCEL II:
That part of the Southwest quarter of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: Commencing at the Northwest corner of said Southwest quarter, thence East along the North line of said Southwest quarter and the center line of Fourth Avenue 175.0 feet, thence South along the West line of Lot 7 projected in Douglas and Krakar's Subdivision of part of said Southwest quarter of said Section 14, 323.40 feet to the Southerly and Easterly right-of-way line of the Alton Railroad Company's old switch track, which is the point of beginning, thence Northeasterly along a direct line on the said Southerly and Easterly right-of-way line of said Railroad, 130.23 feet to a point, thence Northeasterly on said right-of-way line along a curve to the West, having a radius of 1171.28 feet, 48.12 feet to a point; thence Easterly 38.5 feet to a point, thence Southwesterly along a direct line to the point of beginning, in Will County, Illinois

PARCEL III:
The East 1/2 of the vacated alley lying west of and adjoining Lot 7 of Douglas and Krakar's Subdivision as vacated by instrument recorded December 5, 1973 as Document No. R73-35993, all in Will County, Illinois.

PARCEL 7 - Tax Code 07-14-108-014

Lot 25, in Block 3, in Rowell's Subdivision of part of the West 1/2 of the Northwest 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded May 11, 1886, in Plat Book 5, Page 52, as Document No. 139704, in Will County, Illinois.

EXHIBIT "C"

PARCEL I:
Pin: 07-14-102-034
One acre of land in Lot 11, in the County Clerk's Subdivision of part of the West 1/2 of the North West 1/4 of Section 14, and the North East 1/4 of the Northeast 1/4 of Section 15, Township 35 North, Range 10 East of the Third Principal Meridian, described as follows: beginning at the South East corner of Lot 25 in Block 3 of M.E. Rowell's Subdivision of part of the said West 1/2 of the North West 1/4 of said Section 14, thence East 281.9 feet to the Westerly line of the railway easement for the joint railway tracks upon the West 1/2 of the North West 1/4 of said Section 14, the same being 10 feet Westerly from the centerline of said railroad tracks, thence North along the Westerly line of said easement far enough Northward to include an acre of land, thence West to a point on the East line of Lot 21 in Block 3 in M.E. Rowell's Subdivision, aforesaid, thence South to the point of beginning.

PARCEL II:
Pin: 07-14-102-030
Lots 19 to 22 inclusive in Industrial Subdivision of part of the West 1/2 of the North West 1/4 of Section 14, Township 35 North,

R90-21200

Range 10 East of the Third Principal Meridian, according to the plat thereof recorded December 30, 1925, in Plat Book 16, Page 54, as Document No. 388594.

PARCEL III:
Pin: 07-14-108-024
Lots 11, 12, 16 and 17, in Industrial Subdivision of part of the West 1/2 of the North West 1/4 of Section 14, Township 35 North, Range 10 East of the Third Principal Meridian, according to the plat thereof recorded December 30, 1925, in Plat Book 16, Page 54, as Document No. 388594.

PARCEL IV:
Pin: 07-14-300-008 (affects also property)
The East 1/2 of the vacated alley lying West of and adjoining Lot 7 of Douglas and Krakar's Subdivision as vacated by instrument recorded December 5, 1973, as Document No. R73-35993.

Hank -

I spoke with Don Gimbel re. regards to Lennon Wallpaper and my requesting title search information.

Please complete this form as best as possib
you are responsible on the attached list.
McCabe, Enf., 782-3188. Please make additi
form as necessary. Please include as much
and if you have a map of the site, please s
the legal description of the site, please i

Please complete this form and return to me.

Thank you

Mike

INVENTORY OF SITES ON WHICH
RECLAMATION LIENS WILL

Name of Site: Lennon Wallpaper

Name of Owner: North American Decorative Products (Thomas Industries of Louisville, Ky (prior owner))

Address of Owner: Toronto, Canada (branch in Chicago - contact Don Gimble

Address or Description of Location:

807 4th Avenue

Joliet, Illinois

City or Village: Joliet

County: Will

LPC#: L1970455001

IEPA Enf. File #:

Project Manager: Hank Konzelmann

Assigned Attorney: Don Gimbel

Has Sec. 4(q) or 4(v) been issued: ____ YES X NO

If yes, date issued and to whom:

RLS:MJM:mm/09
2 August 1988

Mike McCabe

APPENDIX I

EPA FORM 2070-13

Site Inspection Report

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 1 - SITE LOCATION AND INSPECTION INFORMATION

EPA

I. IDENTIFICATION
01 STATE: IL | 02 SITE NUMBER: 984179759

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)	02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER				
Hennon Wallpaper	807 Fourth Avenue				
03 CITY	**04 STATE**	**05 ZIP CODE**	**06 COUNTY**	**07 COUNTY CODE**	**08 CONG DIST**
Joliet	IL	60436	Will	197	04

09 COORDINATES LATITUDE	LONGITUDE	10 TYPE OF OWNERSHIP (Check one)
41 31 45.-	-88 03 35.-	☒ A. PRIVATE ☐ B. FEDERAL ☐ C. STATE ☐ D. COUNTY ☐ E. MUNICIPAL ☐ F. OTHER ☐ G. UNKNOWN

III. INSPECTION INFORMATION

01 DATE OF INSPECTION	02 SITE STATUS	03 YEARS OF OPERATION
4 9 92 (MONTH DAY YEAR)	☐ ACTIVE ☒ INACTIVE	1919 (BEGINNING YEAR) – 1988 (ENDING YEAR) ☐ UNKNOWN

04 AGENCY PERFORMING INSPECTION (Check all that apply)
☐ A. EPA ☐ B. EPA CONTRACTOR _____ (Name of firm) ☐ C. MUNICIPAL ☐ D. MUNICIPAL CONTRACTOR _____ (Name of firm)
☒ E. STATE ☐ F. STATE CONTRACTOR _____ (Name of firm) ☐ G. OTHER _____ (Specify)

05 CHIEF INSPECTOR	06 TITLE	07 ORGANIZATION	08 TELEPHONE NO.
Kimberlee Nika	Environmental Prot. Spec.	IEPA	(217) 782-6760
09 OTHER INSPECTORS	10 TITLE	11 ORGANIZATION	12 TELEPHONE NO.
Ken Corkill	EPS	IEPA	(217) 782-6760
Tracy Fitzgerald	EPE	IEPA	(217) 782-6760
Sheila Murphy	EPS	IEPA	(217) 782-6760
			( )
			( )

13 SITE REPRESENTATIVES INTERVIEWED	14 TITLE	15 ADDRESS	16 TELEPHONE NO
			( )
			( )
			( )
			( )
			( )
			( )

17 ACCESS GAINED BY (Check one)	18 TIME OF INSPECTION	19 WEATHER CONDITIONS
☒ PERMISSION ☐ WARRANT	10:00 AM	Sunny, 55°F, Winds ENE

IV. INFORMATION AVAILABLE FROM

01 CONTACT	02 OF (Agency/Organization)	03 TELEPHONE NO.
Thomas Crause	Illinois EPA	(217) 782-6760

04 PERSON RESPONSIBLE FOR SITE INSPECTION FORM	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NO.	08 DATE
Kimberlee Nika	IEPA	RPMS	217/782-6760	7 27 92 (MONTH DAY YEAR)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE: IL	02 SITE NUMBER: 9847997S9

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 [X] A. GROUNDWATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 11,000 — 04 NARRATIVE DESCRIPTION

Groundwater 4 feet below ground surface in highly permeable layer, Discoloration observed at water table.

01 [X] B. SURFACE WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

IEPA files contain complaints of discoloration in nearby stream/ditch. Hickory Creek is approximately 1800 feet to the north and the Des Plaines River is approximately 1.5 miles west. Michigan Beach is located south.

01 [X] C. CONTAMINATION OF AIR — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Contaminants were detected in the top 2 feet of soil.

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS — 02 ☐ OBSERVED (DATE: _____) — ☐ POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

01 [X] E. DIRECT CONTACT — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Contaminants were detected within the top 2 feet of soil; in areas that are accessible to the general population.

01 [X] F. CONTAMINATION OF SOIL — 02 [X] OBSERVED (DATE: June 1989) — ☐ POTENTIAL — ☐ ALLEGED
03 AREA POTENTIALLY AFFECTED: 20 (Acres) — 04 NARRATIVE DESCRIPTION: April 1, 1992

6/89 - Dioxin compounds and heavy metals detected in the soils and lagoon sediments
4/92 - Heavy metals, volatiles, semi-volatiles & pesticides were detected in soils and lagoon sediments.

01 [X] G. DRINKING WATER CONTAMINATION — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: 11,000 — 04 NARRATIVE DESCRIPTION

Groundwater exists at 4 foot depth, the potential exists for the contamination of drinking water aquifers.

01 [X] H. WORKER EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED: 4 — 04 NARRATIVE DESCRIPTION

Contaminants detected in top 2 feet of soil. Workers on-site have access to these areas. In June 1989, evidence of bulldozer activity could be seen in area where dioxins had been detected.

01 [X] I. POPULATION EXPOSURE/INJURY — 02 ☐ OBSERVED (DATE: _____) — [X] POTENTIAL — ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ — 04 NARRATIVE DESCRIPTION

Contaminants found in top 2 feet of soil. Site is in residential area, Site is accessible from the south & east.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILD	984799759

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
[X] A. NPDES	#1971-EA-1198	1971	—	
[ ] B. UIC				
[X] C. AIR	VARIOUS			
[ ] D. RCRA				
[ ] E. RCRA INTERIM STATUS				
[ ] F. SPCC PLAN				
[ ] G. STATE (Specify)				
[ ] H. LOCAL (Specify)				
[ ] I. OTHER (Specify)				
[ ] J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
[X] A. SURFACE IMPOUNDMENT	~12,900	cu feet
[ ] B. PILES		
[ ] C. DRUMS, ABOVE GROUND		
[ ] D. TANK, ABOVE GROUND		
[ ] E. TANK, BELOW GROUND		
[ ] F. LANDFILL		
[ ] G. LANDFARM		
[ ] H. OPEN DUMP		
[X] I. OTHER CONTAMINATED SOIL (Specify)	~8	acres

04 TREATMENT (Check all that apply)

- [ ] A. INCENERATION
- [ ] B. UNDERGROUND INJECTION
- [ ] C. CHEMICAL/PHYSICAL
- [ ] D. BIOLOGICAL
- [ ] E. WASTE OIL PROCESSING
- [ ] F. SOLVENT RECOVERY
- [ ] G. OTHER RECYCLING/RECOVERY
- [ ] H. OTHER _____ (Specify)

05 OTHER

- [X] A. BUILDINGS ON SITE

06 AREA OF SITE

11 (Acres)

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

[ ] A. ADEQUATE, SECURE [ ] B. MODERATE [ ] C. INADEQUATE, POOR [X] D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: [X] YES [ ] NO

02 COMMENTS

Certain areas are fenced, however, areas are accessible.

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

Illinois EPA - Bureau of Land Files

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
ILD	984749759

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☐ B. $10^{-4} - 10^{-6}$ cm/sec ☒ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

☒ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH	
~20 (ft)	>4 (ft)		

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
(in)	(in)	— %	E	.2 %

09 FLOOD POTENTIAL

SITE IS IN — YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY

11 DISTANCE TO WETLANDS (5 acre minimum)

ESTUARINE: A. >1 (mi) OTHER: B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)

>1 (mi)

ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AG LAND
A. < 1/2 (mi)	B. <5 ft. (mi)	C. _____ (mi)	D. _____ (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Site is located next to a heavily populated residential area (west). To the north, east, industrial and open to the south.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

Illinois EPA, Bureau of Land Files.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION
01 STATE: ILD | 02 SITE NUMBER: 984799759

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Lennon Wallpaper Co.						
Doug Silverman		807 Fourth Street		Joliet	IL.	

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Lennon Wallpaper Co.				Unknown		
(Parent Company) · 1981-1982 Thomas Industries				Louisville	KY	
Sicklen, William F.		Prior to 1981 w/ Mueller				

IV. REALTY OWNER(S) (If applicable, list most recent first) Previous Owners

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Prior to 1981 w/ Sicklen Mueller, Walter W.						

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
IL	984799759

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
Lennon Wallpaper	

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE
UNKNOWN		

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER

03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE

05 CITY	06 STATE	07 ZIP CODE	05 CITY	06 STATE	07 ZIP CODE

V. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION
01 STATE: IL | 02 SITE NUMBER: 984799759

II PAST RESPONSE ACTIVITIES (Continued)

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☒ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY IEPA
04 DESCRIPTION
Fencing installed

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
NA

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

IEPA - Bureau of Land Files